

MEASURING INSTRUMENTS 2021



 **KPS**[®]

AN **MGL**[®] BRAND

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COMMERCIAL TERMS

Product Info

Measurements, weights, characteristics or sizes shown in this catalog are indicative, and may be modified without prior notice.

Prices and deliveries

Sale prices will be those offered in written quotations or those included in our current rate at the time of delivery.

Shipping costs

Shipments will be based on the Incoterm conditions shown in each quotation.

Any other logistical services requested will be negotiated and quoted separately and must be previously accepted by the client.

Shipping incidences

All shipments will be checked and verified within 48 hours after receipt. If any incident is detected, it must be communicated immediately to the carrier and to MGL customer service.

Merchandise unloading

Merchandise sent by special transports will be unloaded by the receiver.

Deliveries to third parties

In the event of deliveries requested for a different destination to the usual, MGL express consent will be required, and the customer should be responsible for the correct reception as if it was the usual address.

Good returns

Good returns will only be allowed if they have been previously justified and expressly accepted by MGL, will be negotiated and quoted separately, and must be previously accepted by the client.

Civil liability

MGL declines all responsibility due to the improper use of its products. The civil liability on our products expires one year after delivery. In case of litigation as a result of a sale, the parties will submit to the jurisdiction of the courts where the principal place

of business of the manufacturer is located, waiving both parties to any other jurisdiction that may correspond. The civil liability will be governed by the Law of the State of principal place of business of the manufacturer.

Warranty

All KPS products are guaranteed by the legal period of time governing on each operation.

This warranty does not cover failures caused by improper use or handling.

To execute the guarantee you must contact our Customer Service Center by email.



Technical specifications included in this price list may be subject to modifications without prior notice.



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MGL

WHO IS MGL

We are a global group of companies operating locally. We develop, manufacture and sell products and solutions for the test and measurement industry under our own brands, such as Mastech, KPS, C-LOGIC and Power Probe. We also offer engineering/manufacturing (ODM) and adaptation/customization (OEM) services.

Our companies work globally, serving our customers worldwide. This global network delivers a deeper understanding of each individual market, with solutions tailored to the unique requirements of each customer.

Our goal is to be a recognized, honest and fair company. We aim to be the most valued partner for our customers in the research, development, manufacture and supply of innovative, modern and customer focused technologies.

We have a highly experienced team which is open-minded, receptive to new ideas and adaptive to evolving market trends. This solid foundation guarantees that we are well informed and fully equipped to deliver excellent solutions to meet our customers' real needs.



MGL AT A GLANCE



More than 800 employees



Annual production of +10 million units



Three factories in Taiwan, China and Europe



We manufacture more than 95% of our products, including accessories

OUR BRANDS

We manufacture electrical test and measurement instruments under our own brands: Mastech, KPS, C-LOGIC and Power Probe, recognized brands and market leaders in the fields of electrical measurement and automotive.

All of our products have a professional positioning based on advanced balanced technology and they are marketed through local distributors throughout the world.

We maintain direct and close contact with our distributors, through our offices around the world, and we support them in their business by offering technical advice and after-sales service for our products.

MASTECH®The KPS logo features a green stylized 'K' icon followed by the letters 'KPS' in a bold, black, sans-serif font.The C-LOGIC logo features a stylized 'C' in orange and blue, followed by the word 'LOGIC' in blue, with a small orange and blue graphic element to the right.The POWER PROBE logo features the words 'POWER PROBE' in a bold, red, sans-serif font, with a yellow and red graphic element to the right.The KPS logo features a green stylized 'K' icon followed by the letters 'KPS' in a bold, black, sans-serif font.

At KPS we design, manufacture and sell products and solutions for the electrical market with the highest levels of quality and performance.

KPS. Testing and measuring equipment

We conceive and engineer electrical measuring instruments to comply the most demanding European standards.

Our high-performance digital clamp meters, multimeters and testers are developed to cover the requirements of any electrical installation.

KPS. Energy saving

Our solutions are designed, manufactured and adapted to the environment where they will be installed, always considering the needs of the professionals working on them.



MASTECH®

At MASTECH we focus on providing the highest quality, innovative measuring instruments for the electrical market, along with the best service to our customers.

From digital multimeters and clamp meters to voltage testers, plug testers and all ranges of environmental testers, our product families have been developed to meet the requirements of the construction, DIY and industrial sectors.

Test and measurement equipment:

- I. For industrial environments: we develop a range of measuring instruments with specific features and high precision, ensuring reliability and accuracy.
- II. For the residential sector: MASTECH instruments meet all requirements relating to measuring and testing of electrical values, enabling safety checks on installations and appliances in homes and other buildings.
- III. For environmental measurement, MASTECH

offers a wide range of solutions, with measuring instruments for temperature, moisture and wind speed to light, sound, gas and distance.



POWER PROBE®

At POWER PROBE, we believe things should be simple. That is why we design tools to make complex automotive technology accessible for the modern auto technician.

As automotive technology continues to evolve, Power Probe provides innovative technology, energy, and knowledge solutions for technicians and consumers alike.

Electrical tools for automotive technicians:

- I. Circuit testing and diagnostic tools: tools for fast electrical testing and short circuit tracing. Based on experience, our tools are now simpler and easy to use.
- II. Energy Storage Tools: Emergency battery jumper pack. Tools for power storage and emergency boosting.
- III. Tools & accessories: Workspace improvement

tools (high power butane torches, wireless temperature probes, rechargeable handheld flashlights, solder kits etc...)



KPS Customer Support Center

We work to give you the best service

We maintain a direct and transparent relationship with our clients, in which the quality of the service is our priority.

Technical service, repairs and calibrations

At KPS we have our own laboratories and qualified technical personnel to be able to quickly solve any need in the handling of our equipment. Our facilities are equipped to reliably solve any repair or calibration of instrumentation.

Contact:

AMERICAS: **MGL AMERICA, LLC.**

US East Coast: Charlotte, NC.

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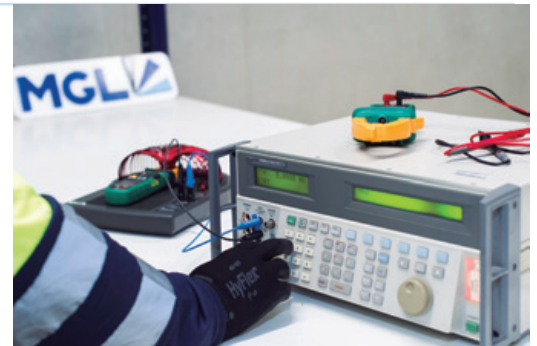


Measurement Instrumentation Specialists

All KPS products are manufactured and marketed in accordance with ISO 9001: 2008 standards, following strict quality control in all processes.

We offer our clients services adapted to their needs:

- Equipment repairs.
- Calibration services, certified according to ISO 9001: 2008.
- Own laboratories, managed according to the UNE 17025 standard.



CERTIFICATION STANDARDS

Safety logo	3 rd party laboratory	Applicable area
		North America
		EU

NEW PRODUCTS AND TECHNOLOGIES

Power Quality Analyzer



POWERCOMPACT3020

- Portable quality analyzer developed for professional analysis of consumption and power quality.
- Complete KIT with accessories.
- Available Professional Software POWERCOMPACT/Studio for full analysis of parameters, events, graphs... etc.

Further information on page 12

Multifunction tester



MULTICHECK6010

- Multifunction Tester for verification of electrical safety of LV installations
- Measurement of:
 - Loop resistance
 - Internal network resistance
 - Measurement of short circuit current
 - Low resistance and continuity
 - Insulation
 - RCD/FI for types A, AC, B, B+, F
 - TRMS Voltage, Rotary field and frequency
 - Earth Resistance

Further information on page 16

Insulation testers



INSUTEST10000

- Digital high voltage insulation testers (10kV)
- Tests insulation resistance up to 20 TΩ
- AC / DC Voltmeter
- PI and DAR indications
- Data Communication Function

Further information on page 26

New generation of clampmeters



DCM Series

(DCM3000T, DCM3500T, DCM4000T, DCM6000T, DCM6500T)

- Range of professional clampmeters
- 5 models available
- TRMS
- Models DCM-6000T and DCM-6500T with Bluetooth connectivity

Further information on page 27

KPS thermography



NEW KPS THERMOGRAPHY RANGE

KPS presents its new line of thermal cameras oriented to professionals. TherCam is dedicated to preventive and predictive maintenance activities.

4 models offer different solutions in terms of features and functionalities.

Further information on page 18

Innovation & new technologies

SMART



SMART TECHNOLOGY

The instruments equipped with this technology are able to recognize by themselves the electrical parameter that is being measured, without the need for the user to select it on the equipment by the rotary knob, saving time and avoiding mistakes which can damage the device.

HOT SELLERS

CLAMP METERS



KPS-PA420 MINI
The most common measurements at an affordable price.



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KPS-PA20 MINI
Compact clamp with temperature measurement



View page 29



KPS-PA430 MINI
Current readings in AC and DC installations



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KPS-PA10
Large jaw for measurements of high current



View page 30



KPS-PF10
Leakage current testing in electrical installations



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MULTIMETERS



KPS-MT10
Pocket-size to always carry with you



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KPS-MT30
The best quality-price ratio



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KPS-MT440
Autorange makes the measurements easier



View page 36



KPS-MT490
Environmental testing from your multimeter



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KPS-MT720
Professional multimeter with the highest safety criteria



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VOLTAGE TESTERS



KPS-DT10
Ensure the safety when working on electrical installations



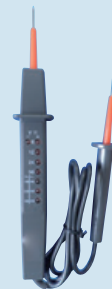
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KPS-DT120
Sensitivity adjustment for reliable measurements



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KPS-DT20
Simple voltage measurement in all type of installations



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KPS-DT220
Verification of the correct operation of RCDs



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CABLES, TEST LEADS AND THERMOCOUPLES

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POWERCOMPACT3020

POWERCOMPACT3020 is a powerful, portable network analyzer developed for professional analysis of consumption and power quality of the most complex electrical networks. It can be used on single-phase, two-phase, three-phase (balanced and unbalanced) networks, low and medium voltage.

The advanced features and analysis software supplied makes it a suitable tool to the most demanding professional needs.



Article	SKU	UPC
POWERCOMPACT3020	KPSPQA2030CBINT	810053671948

VOLTAGE (TRMS)

Øphase-phase: 7-1000VAC 40-70Hz
Phase-neutral: 5-600VAC 40-70Hz
Aux: 5-1000VAC 40-70Hz,
10-1400VDC

CURRENT (TRMS)

Range: 6-3000A
Ratio: 1-60000

POWER

Single phase and total power:
Values < 999 GW, Gvar, GVA

HARMONICS

Up to 50th order

EVENTS

Interruptions: >500mS
Dips: >500mS
Swells: >500mS

TRANSIENTS

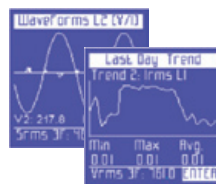
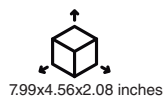
Swells and overcurrents > 150uS
Inrush current analysis

The instrument can be held indifferently through its ergonomic rubber guard, or supported thanks to its integrated removable stand or magnetic captors, both to simplify measurements in the field or near a PC.

Equipped with a large (2.67"x2.67") and efficient LCD display, which allows the display of waveforms, graphics.. etc. White pixels on a dark blue background provide a great visuality of the screen.

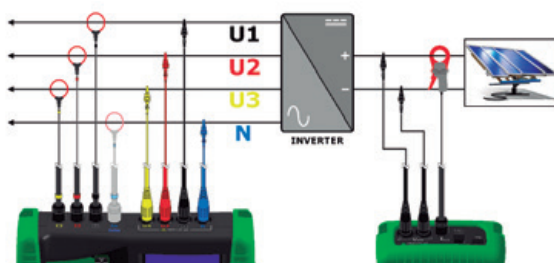


Membrane keypad with 10 buttons and dual function provides an easy and intuitive navigation menu.



MULTIPLE INPUTS

- 3 voltage channels **U1**, **U2** and **U3**, with common neutral (**N**), and 4 independent current channels **I1**, **I2**, **I3**, **In**.
- An independent, auxiliary voltage input (**UAUX**) and an independent, auxiliary current input (**IAUX**) are also available.



Connection diagram in a photovoltaic network

Suitable for any network:

- 3Φ+N
- 3Φ
- 2Φ
- 1Φ
- PV systems

* The DC current clamp and additional voltage cables are optional accessories.

COMPLETE KIT

Contents

- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgsky AC current clamps(ULTRAFLEX3000) - 3 pcs
- Battery pack POWERCOMPACT/BAT (4x AA NiMh 2100mAh) - 1pc
- mSD 8Gb1
- External power supply +adapters POWERCOMPACT/PS - 1set
- Calibration certificate
- User manual
- Transportation case

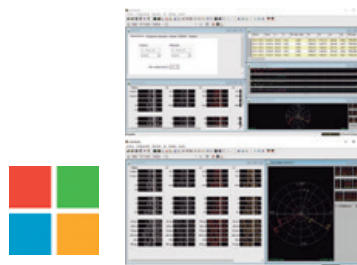
See optional accesories and spare parts on pages 14 and 15.



POWERFULL ANALISYS

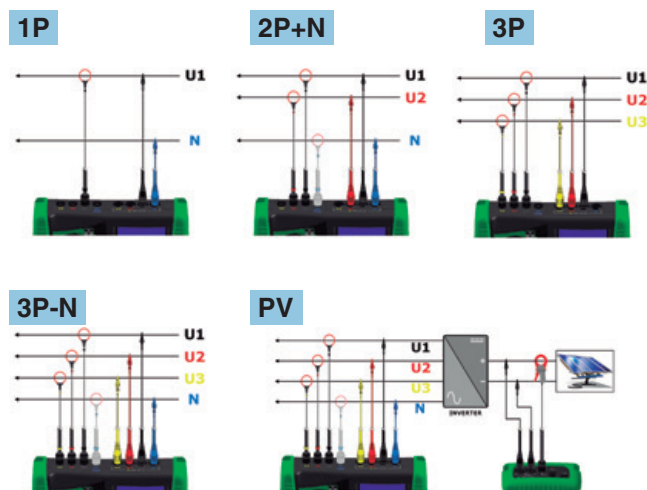
- Data storage through external SMD card (8 Gb)
- Communication to PC through USB port
- Proffesional Software **POWERCOMPACT/Studio** for full análisis of parameters, events, graphs...etc

(Included on kit and available on website for downloading)



CONNECTING SYSTEM

- Single phase
- Two phase
- Three-phase, 3-wires, balanced
- Three-phase, 3-wires, unbalanced
- 3-phase, 4-wires, balanced
- 3-phase, 4-wires, unbalanced



FUNCTIONALITY & PARAMETERS

- Traditional electrical análisis: V, I, P, Q, S, F, PF, THD(V)%, THD(I)%, $\cos\phi$, ϕ , peaks, minimums, maximums, averages, max. demands, etc.
- Neutral current
- Three phase counters: kWh, kVAh, kVAh, both absorbed that generated
- Counters for each single pase: kWh, kVAh, kVAh, both absorbed that generated
- Cogeneration
- Waveforms: V & I
- Harmonics: Values and histograms up to the 50th order
- Sags : Dips, swells & interruptions
- Transients: Overvoltages & overcurrents
- Unbalance
- Test EN 50160
- Inrush current
- DC measures
- K factor: Up to the 25th order
- Alarms: Displayed
- Alarms log: 5 at display
- Tariff bands:4
- Energy costs



POWERCOMPACT-CL5A AC Current clamp 5A

Article	SKU	UPC
POWERCOMPACT-CL5A	KPSPQA5ACBINT	810053673355

- Amperometric mini-clamp for low AC currents from 0.01A to 5.0A with reduced dimensions and high precision.
- Clamping capacity: Cable: Ø max 0.787"
Busbar: 1 busbar of 0.787" x 0.196"



POWERCOMPACT-CL600A AC/DC Current clamp 600A

Article	SKU	UPC
POWERCOMPACT-CL600A	KPSPQA600ACBINT	810053673386

- Amperometric clamp based on Hall effect to measure AC and DC currents.
- Measured range: AC: 0,2 A up to 400A (600A peak)
DC: 0,4 A up to 600A
- Clamping capacity: 1 cable Ø 1.18" or 2 cables Ø 0.944
2 busbars 1.24x0.393"



POWERCOMPACT-CL200A AC Current clamp 200A

Article	SKU	UPC
POWERCOMPACT- CL200A	KPSPQA200ACBINT	810053673362

- Amperometric mini-clamp for AC currents from 0.5A to 200A with reduced dimensions and high precision.
- Clamping capacity: Cable: Ø max 0.787"
Busbar: 1 busbar of 0.787" x 0.196"



ULTRAFLEX3000 AC Current clamp 3000A

Article	SKU	UPC
ULTRAFLEX3000	KPSFLEX3000ACBINT	810053673393

- Equipped with automatic recognition system if used on PQA COMPACT.
- Its high flexibility allows it to be installed in the most demanding positions.
- Measured range: AC/DC: 6A up to 3000A
- Sensor length: 23.62"



POWERCOMPACT-CL1000A AC Current clamp 1000A

Article	SKU	UPC
POWERCOMPACT-CL1000A	KPSPQA1000ACBINT	810053673379

- Amperometric mini-clamp for AC currents from 0.1 A to 1000 A with high measurement precision and stability all over the range.
- Clamping capacity: Cable: Ø max 2.047"
Busbar: 1 busbar of 1.96" x 0.196" / 4 busbars of 1.18" x 0.196"



POWERCOMPACT/VTL

Cables de tensión

Article	POWERCOMPACT/VTL-R	POWERCOMPACT/VTL-B
SKU	KPSPQAVREDPEINT	KPSPQAVBLACKPEINT
UPC	810053673409	810053673416
Color		

Article	POWERCOMPACT/VTL-Y	POWERCOMPACT/VTL-BL
SKU	KPSPQAVYELLPEINT	KPSPQAVBLUEPEINT
UPC	810053673423	810053673430
Color		

- Flexible cables L = 1.5m; S = 2.5mm²; Max I = 36A
- With a 0.147", 90° protected blade plug connector
- 4 available colours (red, black, yellow and blue)



POWERCOMPACT/AL

Alligator clips

Article	POWERCOMPACT/AL-R	POWERCOMPACT/AL-B
SKU	KPSPQAAREDPEINT	KPSPQAABBLACKPEINT
UPC	810053673447	810053673454
Color		

Article	POWERCOMPACT/AL-Y	POWERCOMPACT/AL-BL
SKU	KPSPQAAYELLPEINT	KPSPQAABBLUEPEINT
UPC	810053673461	810053673478
Color		

- Cocodrile clips with a 1.77" opening (for sections up to 1.26")
- 4 available colours (red, black, yellow and blue)



POWERCOMPACT/MAGTL

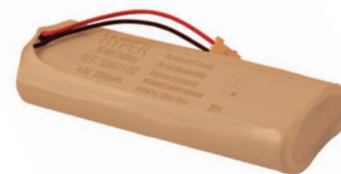
Magnetic captors set

Article	SKU	UPC
POWERCOMPACT/MAGTL	KPSPQAMAGPEINT	810053673485

- Set of 4 magnetized measurement probes

- Hands free operating

Thanks to the magnetic termination to insert on screw terminals or metal parts (example: mini-circuit breakers, Residual current devices..etc)



POWERCOMPACT/BAT

Battery pack

Article	SKU	UPC
PQA-COMPACT/BAT	KPSPQABATPEINT	810053673492

- Set of 4 x AA NiMH 2100mAh
- High capacity rechargeable batteries that guaranties over 24h of work



POWERCOMPACT/PS

External power supply

Article	SKU	UPC
POWERCOMPACT/PS	KPSPQAPOWCBINT	-

- Powerful but compact external power supply , compatible with all types of sockets (USA/JP, EU, UK, AU).
- Voltage: 100÷240Vac . Frequency: 47÷63 Hz



MULTICHECK6010

MULTICHECK6010 is a multi-function tester for the verification of electrical safety of installations according to DIN VDE 0100 and EN 61557.

All-in-one device with 3.5 TFT color display, covering the measurements you need. Fast. Safe.



Article	SKU	UPC
MULTICHECK6010	KPSMF6010CBINT	810053671955

MAIN FEATURES

Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- TRMS Voltage, Rotary field and frequency
- Earth Resistance (optional)

SCOPE OF SUPPLY

- 1 pc. MULTICHECK6010
- 3 pcs. Test leads each 3.28'
- 1 pc. Schuko-plug test cable
- 3 pcs. Test probes
- 3 pcs. Alligator clips
- 1 pc. Instruction manual
- 6 pcs. Batteries 1.5 V / AAA
- 1 pc USB cable
- External power supply
- Calibration certificate
- Carrying bag

OPTIONAL ACCESSORIES:

- Carrying strap
- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (65.61'/65.61'/16.4') and 2 earth stakes

TECHNICAL DATA

Function	Test method	Range
Insulation resistance (RISO)	Voltage: 50/100/250 V	0.000 M Ω ... 199.9 M Ω
	Voltage: 500/1000 V	0.000 M Ω ... 999 M Ω
Impedance (ZL/ZLoop)	Zline L-L, L-N, Ip _{sc}	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ip _{fc}	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ip _{fc} , non trip	0.00 Ω ... 9999 Ω
Earth resistance (RE) (OPTIONAL)	3-wire	0.00 Ω ... 9999 Ω
	4-wire	0.00 Ω ... 9999 Ω
	Specific earth resistance	0.00 Ω ... 9999 Ω
Continuity (RLO)	Current: 7 mA (2-wire)	0.0 Ω ... 1999 Ω
	Current: 200 mA (2-wire)	0.00 Ω ... 1999 Ω
Voltage (V)	TRMS	0 ... 550 V
	Frequency	10.0 Hz ... 499.9 Hz
Phase rotation	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)
RCD	U _c	0.0 V ... 99.9 V
	t	0.0 ms ... 500.0 ms
	I (Ramp)	0.2xI Δ N ... 1.1xI Δ N (AC)
		0.2xI Δ N ... 1.1xI Δ N (A)
		(I Δ N $\geq$ 30 mA)
		0.2xI Δ N ... 2.2xI Δ N (A)
		(I Δ N < 30 mA)
		0.2xI Δ N ... 2.2xI Δ N (B)
General	Power supply	Recharg. batteries (6 x 1.2V Ni-Mh/plug-in power supply)
	Over voltage category	600 V CAT III 300 V CAT IV
	Com Port	USB
	Data Storage	Internal memory



MULTICHECK/ST

Carrying strap

Article	SKU	UPC
MULTICHECK/ST	KPSMFSTRAPPEINT	-

- Strap for carrying the measuring instrument around the neck allowing free hand use.



MULTICHECK/PLT

Plug test probe

Artículo	MULTICHECK / PLT-EU	MULTICHECK / PLT-US	MULTICHECK / PLT-UK
SKU	KPSMF PROBEUCBINT	KPSMFPRO BUSCBINT	KPSMF PROBUKCBINT
UPC	-	810053673959	-

- This probe allows the user test directly on the socket.



MULTICHECK/TBP

Commander with TEST button

Artículo	SKU	UPC
MULTICHECK/TBP	KPSMFPROBCBINT	810053673522

- This probe allows the user to activate a test remotely without using the test device.



MULTICHECK/ERS

Earth resistance testing set

Article	SKU	UPC
MULTICHECK/ERS	KPSMFEARHCBINT	810053674598

- The set contains:
- 3 pcs of test leads (20m/20m/5m)
 - 2 pcs of earth stakes



THERMAL CAMERAS

The TherCam series is comprised of fully equipped infrared temperature measurement equipment. High-tech and easy-to-use, ideal for detecting and solving problems in electrical installations, mechanical components, buildings, process equipment, HVAC / R equipment and others.

Its simple operating interface and smart button navigation makes the first time user feel like an expert.



IR RESOLUTION

120X90

Thermal Sensitivity / NETD

60 mk

IMAGE FORMAT

IR

TEMPERATURE RANGE

-148°F~-302°F; 212°F~752°F;
Auto switching

BATTERY OPERATING TIME

>8 hours



TherCam 120 Thermographic camera

Article	SKU	UPC
TherCam120	KPSTHERCAM120CBINT	810053672815

- Boot-up in 1 second: Boot up and display fully radiometric image instantly; Full screen max & min temperature alarm.
- 2.4 inch Large Display; 240x320 pixel Color LCD.
- Good-handle Buttons; Ergonomic design; Easy to operate even wear the gloves.
- 2-hour Quick Charge USB Type-C Interface High power quick charge
- 8-hour Battery Life; Low power consumption; Large capacity battery.
- IR/Visible/Laser Indicator Pinpoint targets precisely.
- Rugged Design: 2-meter Drop Test, IP54 encapsulation.



Detector type	VOx/7.5~14μ m
IR Resolution	120X90
Thermal Sensitivity / NETD	60 mk
Field of view(FOV)	50°x 38°
Spatial Resolution(IFOV)	7.6 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	No
Focus	N/A
Visible Camera Resolution	No
Flashlight	No
Display	TFT display
Screen size	2.4"
Image Model	IR image
Color Palettes	6
Temperature Range	-148°F~-302°F; 212°F~752°F; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	No
Voice record	No
Video record	No
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	No
Mobile APP	No
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>8 hours
Charging Time	≤2.5 hours
Operating Temperature	-14°F~122°F
Protection class	IP54
Drop test	6.56' drop test
Certification	CE/ROHS/FCC



IR RESOLUTION

120x90

Thermal Sensitivity / NETD

60mK

IMAGE FORMAT

IR/Visible/piP

WIFI

YES

TEMPERATURE RANGE

-148°F~-302°F; 212°F~752°F;
Auto switching

BATTERY OPERATING TIME

>8 hours



TherCam120D Thermographic camera

Article	SKU	UPC
TherCam120D	KPSTHERCAM120DCBINT	810053672822

- TherCam120D is an affordable temperature measuring tool widely used for building diagnostics, HVAC inspections, electrical system inspections and more. It perfectly overcomes the shortcomings of the single spot infrared thermometers and helps work smarter, safer and faster. Equipped with 120x90 WLP IR modules, TherCam120D can display radiometric data of 10,800 pixels instantly which helps quickly detect large areas and pinpoint fault spots accurately.



Detector type	VOx/7.5~14μm
IR Resolution	120X90
Thermal Sensitivity / NETD	60 mk
Field of view(FOV)	50°× 38°
Spatial Resolution(IFOV)	7.6 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	No
Focus	N/A
Visible Camera Resolution	SI(320× 240)
Flashlight	Yes
Display	TFT display
Screen size	2.4"
Image Model	IR/Visible/PiP images
Color Palettes	6
Temperature Range	-148°F~-302°F; 212°F~752°F; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	Yes, 320 x 240
Voice record	No
Video record	No
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>5 hours
Charging Time	≤2.5 hours
Operating Temperature	-14°F~122°F
Protection class	IP54
Drop test	6.56' drop test
Certification	CE/ROHS/FCC



IR RESOLUTION

256X192

Thermal Sensitivity / NETD

<50 mk

IMAGE FORMAT

IR/Visible/PIp

WIFI

YES

TEMPERATURE RANGE

-4°F -302°F; 212°F-1202°F
Auto switching

TherCam256

Thermographic camera

Article	SKU	UPC
TherCam256	KPSTHERCAM256CBINT	810053672839

- Friendly UI, easy to use without training.
- Affordable as entry level diagnostic tool.
- Removable Large capacity Li-ion battery, 4 hour working time.
- 3.5" large screen with no image cropping, high brightness screen to show image with no detailed information lost even outdoor or in highlight.
- Rugged and compact design, metal internal structure.
- Standard Micro USB interface for data transmission and charging.
- Optional Wi-Fi connection with notebook or mobile.



Detector type	VOx/7.5~14μ m
IR Resolution	256X192
Thermal Sensitivity / NETD	<50 mk
Field of view(FOV)	35°× 26°
Spatial Resolution(IFOV)	2,36 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	x2,x4
Focus	N/A
Visible Camera Resolution	SI(640× 480)
Flashlight	Yes
Display	TFT display
Screen size	3,5"
Image Model	IR/Visible/PIp images
Color Palettes	6
Temperature Range	-4°F -302°F; 212°F-1202°F; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	Yes
Voice record	Yes
Video record	Yes
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	5°F~122°F
Protection class	IP43
Drop test	3.28' drop test
Certification	CE/ROHS/FCC



IR RESOLUTION

384x288

Thermal Sensitivity / NETD

45mK

IMAGE FORMAT

IR/Visible/PiP/MIF

WIFI

YES

TEMPERATURE RANGE

-4°F -302°F; 212°F-1202°F;
-1138°F~2732°F;
Auto switching

DISPLAY

LED touch screen



TherCam384 Thermographic camera

Article	SKU	UPC
TherCam384	KPSTHERCAM384CBINT	810053672846

- 4" high light touch screen.
- Built-in illuminator: take visible photos in the low lighting environment.
- Different image type: IR, visible, MIF, PiP
- Removable SD card: up to 32G storage capacity for photos and videos compression storage.
- Wi-Fi share: share IR images and findings immediately.



Detector type	VOx/ 8~14μm
IR Resolution	384x288
Thermal Sensitivity / NETD	45mK
Field of view(FOV)	28.4°×21.5°
Spatial Resolution(IFOV)	1,29 mrad
Frame Rate	25Hz
Digital Zoom	1.1~4
Focus	Manual
Visible Camera Resolution	Yes (5M Pixels)
Flashlight	Yes
Display	highlight LED touch screen
Screen size	4"
Image Model	IR/Visible/PiP/MIF images
Color Palettes	8
Temperature Range	-4°F -302°F; 212°F-1202°F; -1138°F~2732°F; Aurorange
Accuracy	2%
Measurement Spot	5
Measurement Area	5
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	1. Max/ Min temp spot of full screen
	2. Max/ Min temp spot of analysis object
Storage Media	In camera and TF card, JPG with temp info
Voice record	Yes
Video record	Yes
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	5°F~122°F
Protection class	IP54
Drop test	Shock & vibration test
Certification	CE/ROHS/FCC

FUNCTIONS				
	TherCam 120	TherCam 120D	TherCam 256	TherCam 384
SKU	KPSTHERCAM120CBINT	KPSTHERCAM120DCBINT	KPSTHERCAM256CBINT	KPSTHERCAM384CBINT
IR sensor type	VOx/7.5~14μ m	VOx/7.5~14μ m	VOx/7.5~14μ m	VOx/ 8~14μm
IR sensor resolution	120X90	120X90	256X192	384x288
NETD (Thermal Sensitivity)	60 mk	60 mk	<50 mk	45mK
FOV	50°× 38°	50°× 38°	35°× 26°	28.4°×21.5°
IFOV	7.6 mrad	7.6 mrad	2,36 mrad	1,29 mrad
Refresh rate	25Hz/9Hz	25Hz/9Hz	25Hz/9Hz	25Hz
Digital Zoom	No	No	x2,x4	1.1~4
Focus	N/A	N/A	N/A	Manual
Visible camera resolution	No	Yes(320× 240)	Yes(640× 480)	Yes (5MPixels)
Flash light	No	Yes	Yes	Yes
Screen type	TFT display	TFT display	TFT display	Touch screen highlight LED
Screen Size	2,4"	2,4"	3,5"	4"
Image format	IR	IR/Visible/PiP	IR/Visible/PiP	IR/Visible/PiP/MiF
Color palettes	6	6	6	8
Temperature range	-148°F~302°F; 212°F~752°F; Auto switching	-148°F~302°F; 212°F~752°F; Auto switching	-4°F -302°F; 212°F-1202°F Auto switching	-4°F -302°F; 212°F- 1202°F; -1138°F~2732°F; Auto switching
Precision	2%	2%	2%	2%
Temperature points	center, max, min	center, max, min	center, max, min	5
Temperature areas	3(incl. max & min temp)	3 (incl. max & min temp)	3(incl. max & min temp)	5
Temperature alarms	Max & Min	Max & Min	Max & Min	Max & Min
Hot and cold spot tracking	Yes	Yes	Yes	1. points Max/ Min temp on display;
2. Max points / Min temp spot of object				
Image storage	No	Yes, 320 x 240	Yes	In camera and TF card, JPG with temp info
Voice recording	No	No	Yes	
Video recording	No	No	Yes	Yes
Memory card	TF Standard (16Gb)	TF Standard (16Gb)	TF Standard (16Gb)	TF Standard (16Gb)
USB	Yes	Yes	Yes	Yes
TO BE	Yes	Yes	Yes	Yes
Tripod attachment	Yes	Yes	Yes	Yes
Wifi	No	Yes	Yes	Yes
APP	No	Yes	Yes	Yes
PC software	Yes	Yes	Yes	Yes
Battery Type	Li-ion rechargeable	Li-ion rechargeable	Li-ion rechargeable	Li-ion rechargeable
Battery life (continuous mode)	>8 hours	>5 hours	>4 hours	>4 hours
Loading time	≤2.5 hours	≤2.5 hours	4 hours	4 hours
Operating temperature	5°F~122°F	5°F~122°F	5°F~122°F	5°F~122°F
IP grade	IP54	IP54	IP43	IP54
Fall test	3.28' drop test	3.28' drop test	3.28' drop test	Shock and vibration tests
Certifications	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

EARTH RESISTANCE TESTERS



KPS earth meters is professional equipment that allows the resistance of earthing to be checked using 2 or 3-pole methods according to the European standard EN61557-5.

This equipment allows the preliminary voltage verification of the grounding, verifying that there are no dangerous voltages for the user.



VOLTAGE
0-200VAC

RESISTANCE
0,01~4,00 KΩ



KPS-TL300 Earth resistance tester

Article	SKU	UPC
KPS-TL300	KPSTL300CBINT	810053670316

- Earth resistance tester.
- 2-pole or 3-pole measurement method.
- Earth voltage measurement.
- Continuity test.
- MAX/MIN/AVG values. Relative resistance measurement.
- Data Hold.
- Auto-off display backlight and low battery display.
- CAT. III 300V according to EN 61010.



VOLTAGE
0-200VAC

RESISTANCE
0-2000Ω



KPS-TL320. Earth resistance tester

Article	SKU	UPC
KPS-TL320	KPSTL320CBINT	810053670323

- Earth resistance tester
- 2-pole or 3-pole measurement method
- Earth voltage measurement
- 0Ω adjustment.
- Data hold
- Low battery display
- CAT. IV 200V according to EN 61010



JAW OPENING
45mm x 32mm /
1.8" x 1.25"

CURRENT
0-20A

RESISTANCE
0-1200Ω



KPS-TLP100. Earth resistance clamp meter

Article	SKU	UPC
KPS-TLP100	KPSTLP100CBINT	810053670330

- Earth resistance and leakage current tester
- Measuring the earth resistance safely and easily by clamping the ground line
- Setting alarm threshold
- Data hold and data register
- Auto range and low battery display
- CAT. III 150V according to EN 61010



INSULATION TESTERS

Insulation is a safety element that has the purpose of avoiding contact with live parts. The insulation test reveals possible failures caused by contamination, humidity, deterioration of the insulation material, etc.

KPS insulation meters allow insulation tests to be conducted with voltages up to 1kV and 5 kV respectively.

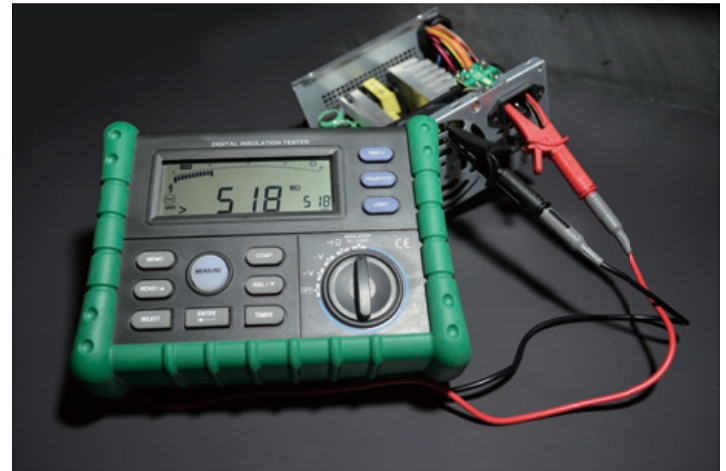


VOLTAGE
DC 1000 V
AC 750 V

RESISTANCE
10 GΩ

CAT III
1000V

CAT IV
600V



KPS-MA100 Insulation tester up to 1kV

Article	SKU	UPC
KPS-MA100	KPSMA100CBINT	810053670347

- Insulation tester (50V, 100V, 250V, 500V and 1000V)
- DAR/PI calculation
- Programmable timer
- MAX/MIN/AVG values. Relative measurement
- Compare function
- Data register
- DC/AV voltage and resistance measurement
- Continuity test
- Auto-off display backlight and low battery display
- CAT III 1000V, CAT IV 600V according to EN 61010



RESISTANCE
5TΩ

VOLTAGE
DC 1000V
AC 750V

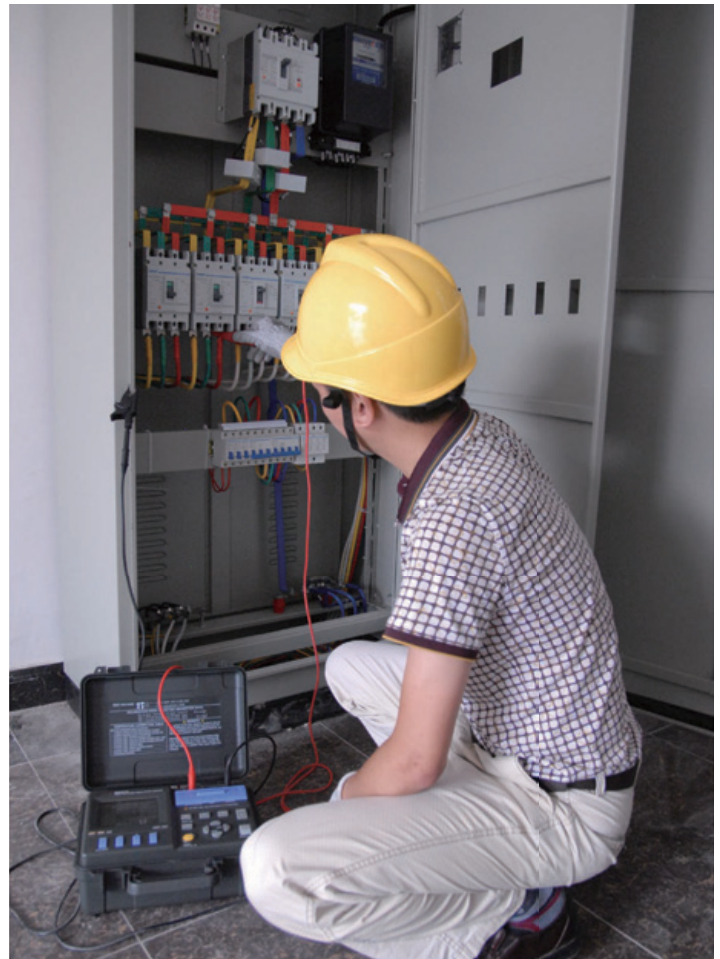
LEAK
CURRENTS
300 mA

KPS-MA500

Insulation tester up to 5kV

Article	SKU	UPC
KPS-MA500	KPSMA500CBINT	810053670354

- Insulation tester up to 5 kV with adjustable test voltage in 25V or 100V steps
- DAR/PI calculation
- Step voltage test
- Temperature compensation
- Compare function
- Data register and PC software for downloading the results
- DC/AV voltage measurement
- CAT. III 1000V/CAT. IV 600V according to EN 61010





INSUTEST10000

INSUTEST10000 is a small and light 10 kV insulation resistance tester for the diagnostic testing and maintenance of high voltage electrical equipment, cables, generators, circuit breakers, motors...etc



Article	SKU	UPC
INSUTEST10000	KPSINSUTEST10000CBINT	810053671276

MAIN FEATURES

- 2 Lines × 16 Characters LCD
- Microprocessor-controlled
- Tests insulation resistance up to 20 TΩ
- 4 Insulation test voltages: 1000V, 2500V, 5000V, 10000V
- AC / DC Voltmeter (30~600V)
- Auto-ranging on all insulation ranges
- Auto-discharge function
- Well isolated from contact
- Well protected from surges
- 2 built-in optical LEDs for data transfer
- Visual and audio warning of external voltage presence ($\geq 30V_{ac}$ or $\geq 30V_{dc}$)
- Auto-hold function to freeze reading
- Overload protection
- Adjustable testing duration: 1~30 minutes
- Internal memory for data storage
- Displays testing duration for insulation measurement
- Auto-off function
- 200 measurement results can be saved in memory and recalled on display
- Optical USB to RS-232 data transmission

Data Communication Function with measurement storage and PC interface

- Data can be downloaded and saved to a PC.
- Data can also be transferred to a PC for real-time display.
- 200 measurement results can be saved in the memory and recalled on the display.



RISO		VOLTAGE	
Test voltages:	1kV, 2.5kV, 5kV, 10kV	VAC:	30~600V (50/60Hz)
Ratio:	0~20TΩ	VDC:	30~600V
RATIOS		CURRENT	
PI (Polarization index) DAR (Dielectric Absorption)		Current:	
		0.5nA ~ 0.55mA	

TECHNICAL DATA

Function	Range
Test Voltage	1000V, 2500V, 5000V, 10000V
Insulation resistance	2TΩ / 1000V 5TΩ / 2500V 10TΩ / 5000V 20TΩ / 10000V
Resolution	1000MΩ: 1MΩ 10GΩ: 0.01GΩ 100GΩ: 0.1GΩ 1TΩ: 1GΩ 10TΩ: 10GΩ 20TΩ: 100GΩ
Short Circuit Current	Up to 5mA
PI (Polarization Index)	Yes
DAR (Dielectric Absorption Ratio)	Yes
Voltmeter	ACV: 30~600V (50/60Hz) DCV: 30~600V Resolution: 1V
Current measurement	0.5nA ~ 0.55mA (Depending on the insulation Resistance)

General Features

Power source	1.5V "C" × 8 Alkaline Batteries
Dimensions	12.99 (L) × 10.23 (W) × 6.29 (D) inches
Weight	Approx. 4284g (battery included)
Safety standard	EN 61010-1 CAT IV 600V EN 61010-2-030 EN 61326-1
Accessories	• Instruction manual • Test leads • Data transmission cable CA-232 • Alligator clips • Batteries • Calibration certificate



DIGITAL CLAMP METERS

When the professional wants to perform current measurements quickly and easily, the ideal instrument is the clamp meter. This instrument allows, without the need to disconnect the circuit to be measured, the appropriate measurements with high precision. To measure current, the cable is clamped with the clamp jaw.

KPS has developed clamps with the most modern technologies such as the SMART function, which allows automatic recognition of the parameter being measured, avoiding erroneous readings and facilitating this task for the professional.



JAW SIZE
Ø40mm / 1.6"
with worklight

VOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A






KPS-DCM3000
TRMS clamp meter 1000AC

Article	SKU	UPC
KPS-DCM3000	KPSDCM3000CBINT	-

- AC/DC Voltage, AC current and resistance measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.



JAW SIZE
Ø40mm / 1.6"
with worklight

VOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A

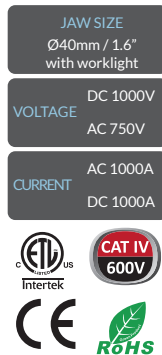





KPS-DCM3500T
TRMS clamp meter 1000 AC with temperature

Article	SKU	UPC
KPS-DCM3500T	KPSDCM3500TCBINT	-

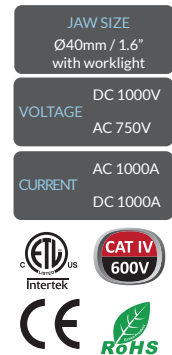
- AC/DC Voltage, AC current, resistance, frequency, capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.



KPS-DCM4000T TRMS clamp meter 1000A ACDC with temperature

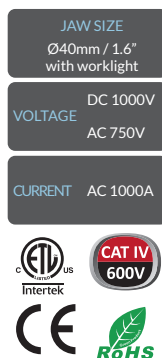
Article	SKU	UPC
KPS-DCM4000T	KPSDCM4000TCBINT	-

- AC/DC Voltage, AC/DC current, resistance, frequency, capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.



KPS-DCM6500BT TRMS clamp meter 1000A ACDC BT

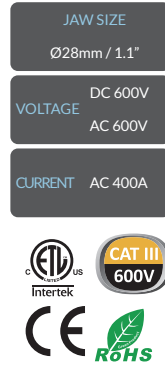
- AC/DC Voltage, AC/DC current, inrush current, resistance, frequency, capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.
- Wireless connection with app.
- Bar graph and dual display
- 6.000 counts
- Max/min functions
- Peak function
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.



KPS-DCM6000BT TRMS clamp meter 1000A AC BT

- AC/DC Voltage, AC current, resistance, frequency, capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage detection.
- Autoranging.
- Wireless connection with app.
- Bar graph and dual display
- 6.000 counts
- Max/min functions
- Peak function
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.



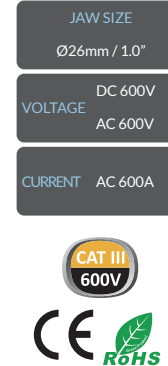


KPS-PA420 MINI

Mini digital clamp meter

Article	SKU	UPC
KPS-PA420 MINI	KPSPA420MINICBINT	810053670149

- Mini digital clamp meter
- AC/DC voltage, AC current and resistance measurement
- Diode check and continuity buzzer
- Data hold
- Low battery display
- CAT III 600V according to EN 61010

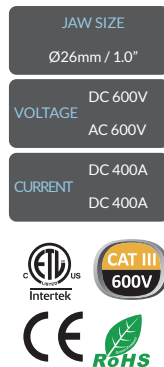


KPS-PA20 MINI

Mini digital clamp meter

Article	SKU	UPC
KPS-PA20 MINI	KPSPA20MINICBINT	810053670163

- Mini digital clamp meter
- Display: 4000 counts
- AC/DC voltage, AC current
- Resistance (40MΩ), frequency, duty cycle and capacitance (100μF) measurement
- Temperature measurement from -4°F to 1382°F
- Autoranging
- Diode check and continuity buzzer
- Data hold
- Auto-off, display backlight and low battery display
- CAT III 600V according to EN61010

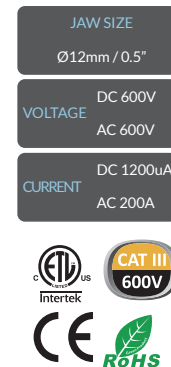


KPS-PA430 MINI

Minipinza amperimétrica digital

Article	SKU	UPC
KPS-PA430 MINI	KPSPA430MINICBINT	810053670170

- Mini digital clamp meter
- AC/DC voltage, AC/DC current
- Display: 4000 counts
- Resistance (40MΩ), capacitance (4000μF) and frequency (10MHz) measurement
- Continuity buzzer and diode test
- MAX/MIN values. Relative measurements
- Data hold
- Autoranging, auto-off, work light and low battery display
- CAT III 600V according to EN 61010



KPS-PA440

Digital clamp meter with open jaw

Article	SKU	UPC
KPS-PA440	KPSPA440CBINT	810053670217

- Auto range. Power overload protection
- Maximum voltage between circuit and ground: 1000V AC/DC
- Display: 6000 counts.
- Auto Ranging. Auto Power Off
- Non-Contact Voltage Detector. Diode test: 3.2V
- Continuity Buzzer: <50Ω
- Data Hold. Work Light
- Display Backlight
- Low Battery Display
- CAT.III 6000V according to EN 61010



JAW SIZE

Ø26mm / 1.1"

VOLTAGE DC 600V
AC 600V

CURRENT AC 600A



KPS-PA900 MINI

Mini digital clamp meter

Article	SKU	UPC
KPS-PA900 MINI	KPSPA900MINICBINT	810053670200

- Mini digital clamp meter
- Display Counts: 6000
- Dual reading
- Auto Range
- No-contact voltage measurement.
- True RMS. Continuity: <40Ω
- Max/Min. Data A-Hold
- Auto Power Off.
- Low Bat. Display
- Display Backlight
- Worklight
- CAT III 600V according to EN 61010



JAW SIZE

Ø42mm / 1.7"

VOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A



KPS-PA10

Digital clamp meter

Article	SKU	UPC
KPS-PA10	KPSPA10CBINT	810053670156

- Digital clamp meter
- Display counts: 2000
- DC/AC voltage, AC current and resistance (2MΩ) measurement.
- Continuity buzzer and diode test.
- Data hold.
- Display backlight.
- Low battery display.
- CAT. II 1.000V, CAT. III 600V according to EN 61010.



JAW SIZE

Ø40mm / 1.6"

VOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A



KPS-PA700

TRMS digital clamp meter

Article	SKU	UPC
KPS-PA700	KPSPA700CBINT	810053670187

- TRMS digital clamp meter
- Display counts: 6600
- AC/DC voltage, AC current, resistance, frequency and temperature measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detection
- MAX/MIN values. Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CAT.III1000 V/ CAT IV 600V according to EN 61010



JAW SIZE

Ø42mm / 1.6"

VOLTAGE DC 1000V
AC 750VCURRENT DC 1000V
AC 1000V

KPS-PA720

TRMS digital clamp meter

Article	SKU	UPC
KPS-PA720	KPSPA720CBINT	810053670194

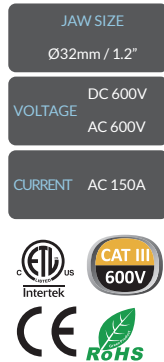
- TRMS digital clamp meter
- Display counts: 6000
- AC/DC voltage, AC/DC current, inrush current, resistance and frequency measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detector
- MAX/MIN values. Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CAT. III 1000V + CAT. IV 600V according to EN 61010



KPS-PF10
Leakage clamp meter

Article	SKU	UPC
KPS-PF10	KPSPF10CBINT	810053670224

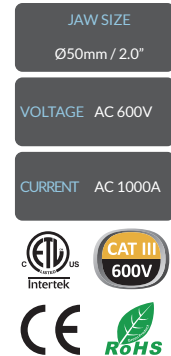
- Three manually selectable scales: 2mA/20mA/60A.
- Minimum resolution of 0,001mA
- Data hold
- Low battery display
- 2000 counts
- CAT.III 600V according to EN61010.



KPS-PF740
Leakage clamp meter

Article	SKU	UPC
KPS-PF740	KPSPF740CBINT	810053670248

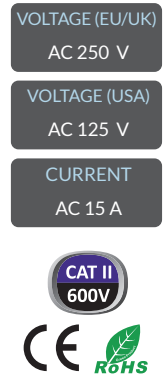
- Leakage clamp meter with current scales: 4mA/40mA/400mA/4 A/ 40 A/ 150 A.
- Minimum resolution of 0,001 mA.
- 4000 counts.
- Low pass filter function.
- DC/AC current, AC current, resistance (40MΩ), capacity (40μF) and temperature (32°F to +1832°F).
- TRMS measurement.
- Diode check and continuity test.
- MAX/MIN values.
- Data hold.
- Auto range, Low battery display and AutoOFF
- CAT. III 600V according to EN 61010.



KPS-PW300
Three phase power clamp meter

Article	SKU	UPC
KPS-PW300	KPSPW300CBINT	810053670231

- Power clamp meter: active power, reactive power, apparent power, power factor and harmonic measurements.
- Display: 6000 counts.
- AC/DC voltage, AC current and frequency measurement.
- TRMS measurements.
- Dat logging: 100 groups.
- MAX/MIN values.
- Data Hold.
- Autoranging, auto-off, display backlight and low battery display.
- RS232 interface.
- CAT. III 1000V according to EN 61010



KPS-SL100
Line splitter

Article	KPS-SL100	KPS-SL100UK	KPS-SL100US
SKU	KPSSL100CBINT	KPSSL100UKCBINT	KPSSL100USCBINT
UPC	-	-	810053670583



FUNCTIONS							
	DCM3000	DCM3500T	DCM4000T	DCM6000BT	DCM6500BT	KPS- PA420 MINI	KPS- PA20 MINI
SKU	KPSDCM3000CBINT	KPSDCM3500TCBINT	KPSDCM4000TCBINT			KPSPA420MINICBINT	KPSPA20MINICBINT
Altern current, up to	1000A	1000A	1000A	1000A	1000A	400A	600A
Direct current, up to	-	-	1000	-	1000	-	-
Altern voltage, up to	750V	750V	750V	750V	750V	600V	600V
Direct voltage, up to	1000	1000	1000	1000	1000	600V	600V
Counts	6000	6000	6000	6000	6000	2000	4000
Resistance, up to	20MΩ	20MΩ	20MΩ	20MΩ	20MΩ	2kΩ	40MΩ
Frequency, up to	-	59,99KHz	59,99KHz	59,99KHz	59,99KHz	-	10kHz
Temperature, up to	-	1400°F	1400°F	1400°F	1400°F	-	1382°F
Continuity test	✓	✓	✓	✓	✓	✓	✓
Diode test	✓	✓	✓	✓	✓	✓	✓
Capacitance, up to	-	6mF	6mF	6mF	6mF	-	100μF
Non-contact voltage detection	✓	✓	✓	✓	✓	-	-
Inrush current	-	-	-	-	-	-	-
Low pass filter	-	-	-	-	-	-	-
Power measurements (W, VA, VAR, PF)	-	-	-	-	-	-	-
Harmonic measurements	-	-	-	-	-	-	-
True RMS measurements	✓	✓	✓	✓	✓	-	-
Data hold	✓	✓	✓	✓	✓	✓	✓
Relative measurements	✓	✓	✓	✓	✓	-	-
MAX/MIN values	✓	✓	✓	✓	✓	-	-
Autoranging	✓	✓	✓	✓	✓	-	✓
Jaw size	1.6" with worklight	1.6" with worklight	1.6" with worklight	1.6" with worklight	1.6" with worklight	1.1"	1.0" with worklight
Auto off	✓	✓	✓	✓	✓	-	✓
Backlight display	✓	✓	✓	✓	✓	-	✓
Low battery display	✓	✓	✓	✓	✓	✓	✓
Connectivity	-	-	-	✓	✓	-	-
Data logging	-	-	-	-	-	-	-
Category according to EN61010	CAT IV 600	CAT IV 600	CAT IV 600	CAT IV 600	CAT IV 600	CAT. III 600V	CAT. III 600V

								
KPS- PA430 MINI	KPS- PA440	KPS- PA900 MINI	KPS-PA10	KPS- PA700	KPS- PA720	KPS- PF10	KPS- PF740	KPS- PW300
KPSPA430 MINICBINT	KPSPA440 CBINT	KPSPA900 MINICBINT	KPSPA10 CBINT	KPSPA700 CBINT	KPSPA720 CBINT	KPSPF10 CBINT	KPSPF740 CBINT	KPSPW300 CBINT
400A	200A	600A	1000A	1000A	1000A	60A	150A	1000A
400A	1000μA	-	-	-	1000A	-	-	-
600V	600V	600V	750V	750V	750V	-	600V	600V
600V	600V	600V	1000V	1000V	1000V	-	600V	-
4000	6000	6000	2000	6600	6000	2000	4000	6000
40MΩ	60MΩ	10MΩ	2kΩ	66MΩ	60MΩ	-	40MΩ	-
1kHz	60MHz	3kHz	-	66MHz	10MHz	-	-	1kHz
-	752°F	-	-	1832°F	-	-	1832°F	-
√	√	√	√	√	√	-	√	-
√	√	-	√	√	√	-	√	-
-	60mF	-	-	66mF	100mF	-	40mF	-
-	√	-	-	√	√	-	-	-
-	-	-	-	-	√	-	-	-
-	-	-	-	-	-	√	√	-
-	-	-	-	-	-	-	-	√
-	-	-	-	-	-	-	-	√
-	-	-	-	√	√	-	√	√
√	√	√	√	√	√	√	√	√
√	-	-	-	√	√	-	-	-
√	-	√	-	√	√	-	√	-
√	√	√	-	√	√	-	√	√
1.0" with worklight	0.5" with worklight	1.0" with worklight	1.7"	1.6' with worklight	1.6' with worklight	1.2"	1.2"	2.0"
√	√	√	-	√	√	√	√	√
√	√	√	√	√	√	-	-	√
√	√	√	√	√	√	√	√	√
-	-	-	-	-	-	-	-	RS232
-	-	-	-	-	-	-	-	√
CAT.III 600V	CAT. III 600V	CAT. III 600V	CAT. II 1000V CAT. III 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V CAT. IV 600V	CAT. III 600V	CAT. III 600V	CAT. III 600V



DIGITAL MULTIMETERS

The multimeter is the basic instrument of any electrical professional. By digitizing the signals measured through the test leads, digital equipment is capable of transforming current and / or voltage values into numerical values that are displayed on the screen.

The development of multimeters with the most modern technologies, incorporating the SMART function or communication with Android and iOS devices, facilitates measurement, avoiding errors, and recording the data obtained.



KPS-MT460
Pen-Type Digital Multimeter with NCV

Article	SKU	UPC
KPS-MT460	KPSMT460CBINT	810053670132

- Pen-Type Digital Multimeter.
- 2000 counts.
- DC/AC voltage, DC/AC current and resistance (20MΩ) measurement.
- Non-contact voltage detector
- Diode test. Continuity Buzzer
- Logic level test.
- Maximum values.
- Data hold.
- Auto range, auto-off and low battery display
- CAT. III 600V according to EN 61010.



KPS-MT10
Pocket size digital multimeter

Article	SKU	UPC
KPS-MT10	KPSMT10CBINT	810053673546

- Pocket size digital multimeter.
- Display: 4000 counts
- Diode check and continuity buzzer
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF) and frequency (100kHz) measurement.
- Data hold.
- Auto range, auto-off and low battery display.
- CAT. III 300V / CAT. II 600V according to EN 61010.



KPS-MT70

Pocket size digital multimeter

Article	SKU	UPC
KPS-MT70	KPSMT70CBINT	810053673553

- Pocket size digital multimeter.
- Display: 6000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.
- Diode check and continuity buzzer.
- TRMS measurements.
- Non-contact voltage detection (NCV)
- Battery tester.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN 61010.



KPS-MT420

Digital multimeter

Article	SKU	UPC
KPS-MT420	KPSMT420CBINT	810053673577

- Digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance (20MΩ) and temperature (-20°C to 1000°C) measurement.
- Battery tester (1.5V/9V/12V).
- Diode check and continuity buzzer.
- Data hold.
- Auto-off, display and low battery display
- CAT. III 600V according to EN 61010.



KPS-MT30

Digital multimeter

Article	SKU	UPC
KPS-MT30	KPSMT30CBINT	810053673560

- Digital multimeter.
- Display: 2000 counts
- DC/AC voltage, DC/AC current and resistance (2MΩ) measurement.
- Diode check and continuity buzzer
- Data hold.
- Low battery display
- CAT. III 600V according to EN 61010.





VOLTAGE DC 1000V
AC 750V

CURRENT AC 20A
DC 20A



KPS-MT425 Digital multimeter

Article	SKU	UPC
KPS-MT425	KPSMT425CBINT	810053670019

- 20A digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance and temperature measurement.
- Diode check and continuity buzzer
- Battery tester.
- Data hold.
- Auto-off and low battery display.
- CAT. II 1000V / CAT. III 600V according to EN 61010



VOLTAGE DC 600V
AC 600V

CURRENT AC 10A
DC 10A



KPS-MT470 Digital automotive multimeter

Article	SKU	UPC
KPS-MT470	KPSMT470600VCBBINT	810053670033

- Digital multimeter with engine analyzer.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- DWELL and TACH tests.
- Diode check and continuity buzzer.
- MAX values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN61010.



VOLTAGE DC 600V
AC 600V

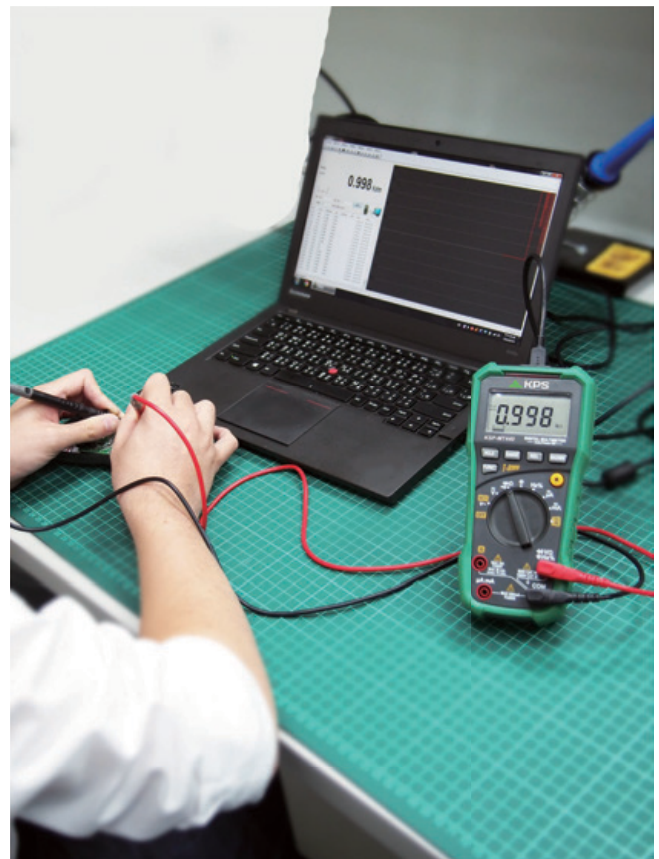
CURRENT AC 10A
DC 10A

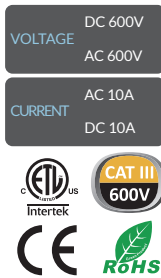


KPS-MT440 Digital multimeter

Article	SKU	UPC
KPS-MT440	KPSMT440600VCBBINT	810053670040

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF), frequency (5MHz), duty cycle and temperature measurement.
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. IV 600V according to EN 61010.



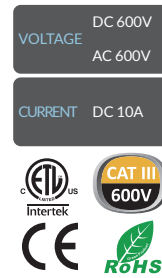


KPS-MT50

Digital multimeter

Article	SKU	UPC
KPS-MT50	KPSMT50600VCBBINT	810053670026

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (4000μF), frequency (10MHz), duty cycle and temperature (-20°C to 1000°C) measurement
- Non-contact voltage detection (NCV).
- Continuity buzzer and diode and transistor test.
- MAX/MIN values, Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT.III 600V according to EN 61010.

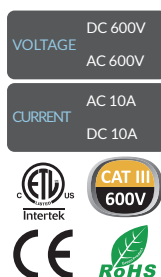


KPS-MT490

Digital environmental multimeter

Article	SKU	UPC
KPS-MT490	KPSMT490CBINT	810053670064

- Digital multimeter with environmental measurements: temperature, relative humidity, sound level and luminosity.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.
- Diode check and continuity buzzer.
- °C/°F selection.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN61010.



KPS-MT480

Digital multimeter with LAN tester

Article	SKU	UPC
KPS-MT480	KPSMT480CBBINTFRIT	810053670057

- Digital multimeter with LAN and phone cable tester.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- Diode check and continuity buzzer.
- Non-contact voltage detection (NCV).
- MAX values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN61010.





VOLTAGE DC 1000V
AC 1000V

CURRENT AC 10A
DC 10A



KPS-MT720 TRMS low impedance digital multimeter

Article	SKU	UPC
KPS-MT720	KPSMT720CBINT	810053670088

- Digital multimeter TRMS.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66M Ω), capacitance (66 μ F), temperature (0°C a 1000°C) and frequency (66MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low impedance input mode.
- Data hold.
- Auto range, auto-off, display backlight and low battery display
- CAT. III 1000V / CAT.IV 600V according to EN 61010.



VOLTAGE DC 1000V
AC 1000V

CURRENT AC 10A
DC 10A



KPS-MT700 TRMS Digital multimeter with USB conn.

Article	SKU	UPC
KPS-MT700	KPSMT700CBINT	810053670071

- Digital multimeter with USB connection.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66M Ω), capacitance (66 μ F), duty cycle and frequency (66MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- PC connection via USB.
- CAT. III 1000V / CAT.IV 600V according to EN 61010.



VOLTAGE DC 1000V
AC 750V

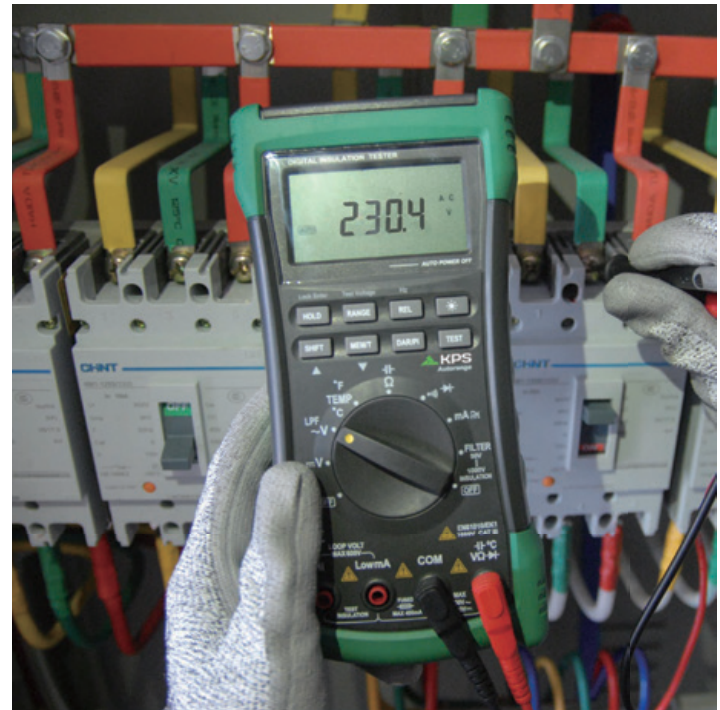
CURRENT AC 400 mA
DC 400 mA



KPS-MT740 TRMS Digital multimeter + insulation

Article	SKU	UPC
KPS-MT740	KPSMT740CBINT	810053670095

- Digital multimeter with insulation measurements up to 1kV.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66M Ω), capacitance (66 μ F), frequency (66kHz) and temperature (-30°C a 1300°C) measurement
- True RMS measurements (TRMS).
- Insulation measurements with DAR / PI: (50V, 100V, 250V, 500V y 1000V).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low Pass Filter Function (1kHz).
- Data hold and data recording.
- Auto range, auto-off, display backlight and low battery display
- CAT. III 1000V according to EN 61010.





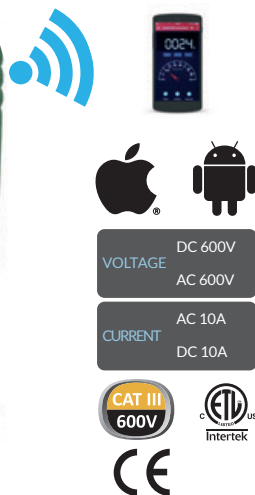
SMART
Automatically detects
what you are measuring!



KPS-MT900
SMART Digital multimeter

Article	SKU	UPC
KPS-MT900	KPSMT900CBINT	810053670101

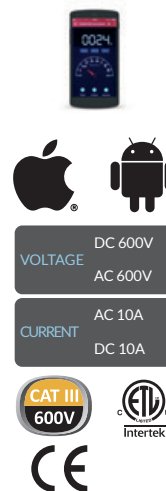
- Digital multimeter SMART.
- Display: 6000 counts.
- DC/AC voltage, resistance (10MΩ), duty cycle and frequency (3MHz) measurement.
- SMART function, detecting automatically the measured parameter.
- Continuity buzzer.
- Non-contact voltage detection (NCV).
- MAX/MIN values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN 61010.



KPS-MT920
TRMS digital multimeter with
communication via app

Article	SKU	UPC
KPS-MT920	KPSMT920CBINT	810053670118

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF), duty cycle and frequency (10MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Continuity buzzer, diode and transistors check
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- Wireless connection with app.
- CAT. III 600V according to EN 61010.



KPS-MT940
TRMS digital multimeter with communication
via app

Article	SKU	UPC
KPS-MT940	KPSMT940CBINT	810053670125

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- AC/DC voltage, AC/DC current, resistance (40MΩ) and temperature (-4°F to 1832°F) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Battery test (1.5V/9V).
- Data hold.
- Auto range, auto-off and low battery display.
- Wireless connection with app.
- CAT. III 600V according to EN 61010.



FUNCTIONS									
	KPS-MT460	KPS-MT10	KPS-MT70	KPS-MT30	KPS-MT420	KPS-MT425	KPS-MT440	KPS-MT50	
	SKU	KPSMT460CBINT	KPSMT10CBINT	KPSMT70CBINT	KPSMT30CBINT	KPSMT420CBINT	KPSMT425CBINT	KPSMT 440600VCBINT	KPSMT 50600VCBBINT
	Altern current, up to	600V	600V	600V	600V	600V	750V	600V	600V
	Direct current, up to	600V	600V	600V	600V	600V	1000V	600V	600V
	Altern voltage, up to	200mA	400mA	600mA	-	10A	20A	10A	10A
	Direct voltage, up to	200mA	400mA	600mA	10A	10A	20A	10A	10A
	Counts	2000	2000	6000	2000	2000	2000	4000	4000
	Resistance, up to	20MΩ	40MΩ	60MΩ	2MΩ	20MΩ	20MΩ	40MΩ	40MΩ
	Frequency, up to	-	100kHz	10kHz	-	-	-	5MHz	10MHz
Temperature, up to	-	-	-	-	1832°F	1832°F	-	1832°F	
Capacitance, up to	-	100μF	600μF	-	-	-	100μF	4000μF	
Continuity buzzer	✓	✓	✓	✓	✓	✓	✓	✓	
Transistors test	-	-	-	-	-	-	-	✓	
Diode test	✓	✓	✓	✓	✓	✓	✓	✓	
Battery test	-	-	✓	-	✓	✓	-	-	
DWELL & TACH tests	-	-	-	-	-	-	-	-	
Network cable check	-	-	-	-	-	-	-	-	
Phone and tone check	-	-	-	-	-	-	-	-	
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	-	-	-	-	-	-	
Insulation measurement	-	-	-	-	-	-	-	-	
Non-contact voltage detection	✓	-	✓	-	-	-	✓	✓	
True RMS measurement	-	-	✓	-	-	-	-	-	
Low input impedance measurements	-	-	-	-	-	-	-	-	
Data hold	✓	✓	✓	✓	✓	✓	✓	✓	
Relative measurements	-	-	-	-	-	-	✓	✓	
MAX/MIN values	MAX	-	-	-	-	-	-	✓	
Autoranging	✓	✓	✓	-	-	-	✓	✓	
Auto off	✓	✓	✓	-	✓	✓	✓	✓	
Backlight display	-	-	✓	-	-	-	✓	✓	
Low battery display	✓	✓	✓	✓	✓	✓	✓	✓	
PC connectivity	-	-	-	-	-	-	-	-	
Data logging	-	-	-	-	-	-	-	-	
Category according to EN61010	CAT. III 600V	CAT. II 600V CAT. III 300V	CAT. III 600V	CAT. III 600V	CAT. III 600V	CAT. II 1000V CAT. III 600V	CAT. IV 600V	CAT. III 600V	

								
KPS-M470	KPS-MT480	KPS-MT490	KPS-MT700	KPS-MT720	KPS-MT740	KPS-MT900	KPS-MT920	KPS-MT940
KPSMT470600VCBBINT	KPSMT480CBINTFRIT	KPSMT490CBINT	KPSMT700CBINT	KPSMT720CBINT	KPSMT740CBINT	KPSMT900CBINT	KPSMT920CBINT	KPSMT940CBINT
600V	600V	600V	1000V	1000V	750V	600V	600V	600V
600V	600V	600V	1000V	1000V	1000V	600V	600V	600V
10A	10A	10A	10A	10A	400mA	-	10A	10A
10A	10A	10A	10A	10A	400mA	-	10A	10A
2000	2000	4000	6600	6600	6600	6000	4000	4000
20MΩ	20MΩ	40MΩ	66MΩ	66MΩ	66MΩ	10MΩ	40MΩ	40MΩ
-	-	200kHz	66MHz	66MHz	66kHz	3kHz	10MHz	-
-	-	1832°F	-	1832°F	2372°F	-	-	1832°F
-	-	100μF	66mF	66mF	66mF	-	100mF	-
√	√	√	√	√	√	√	√	√
-	-	-	-	-	-	-	√	-
√	√	√	√	√	√	-	√	√
-	-	-	-	-	-	-	-	√
√	-	-	-	-	-	-	-	-
-	√	-	-	-	-	-	-	-
-	√	-	-	-	-	-	-	-
-	-	√	-	-	-	-	-	-
-	-	-	-	-	50-1000V	-	-	-
-	√	-	√	√	-	√	√	√
-	-	-	√	√	√	-	√	√
-	-	-	-	√	-	-	-	-
√	√	√	√	√	√	√	√	√
-	-	-	√	√	√	-	√	-
MAX	MAX	-	√	√	√	√	-	-
√	√	√	√	√	√	√	√	√
√	√	√	√	√	√	√	√	√
√	√	√	√	√	√	√	√	-
√	√	√	√	√	√	√	√	√
-	-	-	USB	-	-	-	BT	BT
-	-	-	-	-	√	-	-	-
CAT. III 600V	CAT. III 600V	CAT. III 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V	CAT. III 600V	CAT. III 600V	CAT. III 600V



VOLTAGE TESTERS

The voltage detector is a basic tool for professionals. It is easy to handle and essential for jobs, both DIY and professional.

KPS has developed a range of voltage detectors, both non-contact and contact, combining a high level of functionality, small size, and portability.



VOLTAGE
90 - 1000V~



KPS-DT10
Voltage detector up to 1000V

Article	SKU	UPC
KPS-DT10	KPSDT10CBINT	810053670255

- Non-contact voltage detection. LEDs.
- Voltage sensibility: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CAT. II 1000V according to EN61010.



VOLTAGE
12- 1000VAC

KPS-DT120
Voltage detector up to 1000V (adjustable)

Article	SKU	UPC
KPS-DT120	KPSDT120CBINT	810053670279

- Non-contact voltage detection.
- Voltage sensibility: 12-1000 VAC.
- Frequency: 50/500 Hz.
- Acoustic and luminous indication by LEDs.
- Auto/manual Voltage sensitivity adjustment
- Auto off.
- CAT. II 1000V / CAT. III 600V according to EN61010.



VOLTAGE
90 - 1000V~



KPS-DT100
Voltage tester up to 1000V

Article	SKU	UPC
KPS-DT100	KPSDT100CBINT	810053670262

- Non-contact voltage detection. LEDs.
- Voltage sensibility: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CAT.II 1000V, CAT.III 600V according to EN 61010.



VOLTAGE
6-380VAC/DC

KPS-DT20
Voltage and continuity detector

Article	SKU	UPC
KPS-DT20	KPSDT20CBINT	810053670286

- AC/DC voltage detection: 6V, 12V, 24V, 50V, 110V, 220V, 380V.
- Determination of polarity.
- LED indication.



VOLTAGE
AC/DC 400V



KPS-DT200
Voltage tester

Article	SKU	UPC
KPS-DT200	KPSDT200CBINT	810053670293

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication.
- CAT. III 400V according to EN 61010.



TENSIÓN
12-400VAC/DC



KPS-DT220
Voltage detector and differential test

Article	SKU	UPC
KPS-DT220	KPSDT220CBINT	810053670309

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication
- Differential trip test.
- CAT III 400V according to EN 61010.

FUNCTIONS	 HOT SELLER		 HOT SELLER	 HOT SELLER		 HOT SELLER
	SKU	KPSDT10CBINT	KPSDT120CBINT	KPSDT20CBINT	KPSDT20CBINT	KPSDT200CBINT
Altern voltage	Non-contact	Non-contact	Non-contact	-	-	-
Direct voltage	-	-	-	AC/DC: 6V, 12V, 24V, 50V, 110V, 220V, 380V	AC/DC: 12V, 24V, 50V, 120V, 230V, 400V.	AC/DC: 12V, 24V, 50V, 120V, 230V, 400V
Non-contact voltage detection	90-1000 VAC	90-1000 VAC	12-1000 VAC	-	-	-
Frequency	50/60 Hz	50/60 Hz	50/500 Hz	-	-	-
Acoustic indication	✓	✓	✓	-	-	-
Visual indication (LEDs)	✓	✓	✓	✓	✓	✓
Polarity	-	-	-	✓	✓	✓
Category according to EN61010	CAT. II 1000V	CAT. II 1000V CAT. III 600V	CAT. II 100V CAT. III 600V	-	CAT. III 400V	CAT. III 400V



CIRCUIT TESTERS

KPS cable testers are designed for troubleshooting data networks, telephone lines, and electrical circuits.

The range is made up of simple equipment that indicates the fault with light and acoustic signals to more advanced equipment that allows the tracing of cables hidden behind walls or under the floor.



KPS-CC600
BNC/RJ Network cable tester

Article	SKU	UPC
KPS-CC600	KPSCC600CBINT	810053670361

- Coaxial Cable (BNC) and Twisted-wire-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m



KPS-CC620
RJ Network cable tester

Article	SKU	UPC
KPS-CC620	KPSCC620CBINT	810053670378

- Twisted-wire-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m
- Low battery display



KPS-CC640
Cable tracker

Article	SKU	UPC
KPS-CC640	KPSCC640CBINT	810053670385

- Cable tracker and phone line tester
- Judge Continuity of cable and diagnose the break point
- Receive tone signals on cable or wires
- Identify the state in working telephone lines (Clear, Ringing, Busy)
- Send single solid or dual alerts tones to cables or wires



KPS-CC800US
Socket tester

Article	SKU	UPC
KPS-CC800US	KPSCC800USCBINT	810053670392

- LED indication of the socket's wiring:
 - Correct.
 - Missing earth.
 - Live-earth reverse
 - Live-neutral reverse
 - Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 230V according to EN 61010.



KPS-CC820US
Circuit breaker finder (transmitter-socket tester)

Article	SKU	UPC
KPS-CC820US	KPSCC820USCBINT	810053670415

- LED indication of the socket's wiring:
 - Correct.
 - Missing earth.
 - Live-earth reverse
 - Live-neutral reverse
 - Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 600V according to EN 61010.



KPS-CC840
Advanced wire tracker

Article	SKU	UPC
KPS-CC840	KPSCC840CBINT	810053670422

- Find the Beaks or Shorts in Cable in the wall or under the floor.
- Track Cables in the wall or ground.
- Find the Fuse and Safeguard.
- Track a Metal Conduit in the Project of ware or hot.
- Sensitivity of Receiver can be Selected.
- Auto Ranging, Auto Power Off, Backlight and Worklight.
- CAT. III 300V according to EN 61010.



LCR TESTERS

These testers are specific instruments for the measurement of SMD components on electronic boards, making them an ideal tool for laboratories and repair services.

Gold-plated clamps allow you to easily and accurately check components for resistance, capacitors or coils.



RESISTANCE
30M Ω

CAPACITANCE
30mF



KPS-SMD500. Smart LCR Meter

Article	SKU	UPC
KPS-SMD500	KPSSMD500CBINT	810053670439

- SMD (surface Mount Device) tester
- Display: 3000 counts
- Resistance and capacitance measurement
- Auto scanning of measured parameters
- Diode check and continuity buzzer
- Data hold
- Auto range, auto-off and low battery display



INDUCTANCE
200 H

RESISTANCE
20M Ω

CAPACITANCE
6mF



KPS-SMD520. Smart LCR Meter

Article	SKU	UPC
KPS-SMD520	KPSSMD520CBINT	810053670446

- SMD (surface Mount Device) tester
- Display Counts: 6000
- Resistance and capacitance measurement
- Auto scanning of measured parameters
- Data Hold
- Auto range, auto-off and low battery display



INDUCTANCE
2 H

CAPACITANCE
200 μ F



KPS-SMD600 Digital LCR Meter

Article	SKU	UPC
KPS-SMD600	KPSSMD600CBINT	810053670453

- Multimeter-type SMD (surface Mount Device) tester
- LCD Display: 2000 counts
- Capacitance and inductance measurement
- Low Battery Display



ENVIRONMENTAL METERS

To check the environmental quality in interior areas such as offices, it is necessary to monitor a series of aspects that affect the health, comfort and performance of the occupants.

Parameters such as air speed and flow, sound level, lighting or the concentration of certain gases can be measured with the KPS range of environmental meters.



KPS-AN10
Digital Anemometer

Article	SKU	UPC
KPS-AN10	KPSAN10CBINT	810053670460

- Digital Anemometer
- Display: 9999 counts
- Air velocity: m/sc, f/min, km/h, miles/h, knots
- Air flow: cf/min, m3/min, m3/sc
- Air velocity and air flow measurement
- MAX/MIN values
- Data hold
- Auto-off display backlight and low battery display



RESOLUTION
50 ppm

ALARM
10% ~ 40%



KPS-DG100
Combustible gas detector

Article	SKU	UPC
KPS-DG100	KPSDG100CBINT	810053670477

- Combustible gas detector
- Gas Detected: Natural gas, Methane, Ethane, Propane, Butane, Acetone, Alcohol, Ammonia, Steam, Carbon Monoxide, Gasoline, Jet fuel, Hydrogen Solvents, Lacquer thinner, Naphtha
- High resolution: 50ppm
- Alarm range: 10%~40%
- Response tiime (40% LEL) <2 Seconds



LUX MEASURE
0-50000 LUX



KPS-LX10 Digital light meter

Article	SKU	UPC
KPS-LX10	KPSLX10CBINT	810053670484

- Digital light meter for illuminance measurement (LUX)
- Display: 2000 counts.
- Probe connected to measuring equipment using extensible cable.
- Measuring ranges: 2000 Lux, 20000 Lux, 50000 Lux
- Data hold.
- Low battery display.



CD MEASURE
999900

LUX MEASURE
200000

FC MEASURE
20000



KPS-LX30LED Digital light meter

Article	SKU	UPC
KPS-LX30LED	KPSLX30LEDCBINT	810053670491

- High accuracy digital light meter.
- Display: 2000 counts.
- Switch between different lighting sources (LED included).
- Fc/Lux/CD unit selection.
- Data hold.
- Auto-off and low battery display.



FREQUENCY
31.5Khz~8Khz

SOUND MEASURE
30dB ~ 130dB



KPS-SN10 Digital sound level meter

Article	SKU	UPC
KPS-SN10	KPSSN10CBINT	810053670507

- Class II digital sound level meter according to IEC 651.
- Display: 2,000 counts.
- Sample rate: 2 times per second.
- A/C weighting selection.
- MAX values.
- FAST/SLOW selection.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.



TEMPERATURE METERS

Temperature is a parameter that allows us to verify the correct operation of a component. Temperature measurement is very useful in various applications such as electrical installations, checking overloads or overheating of the elements of a circuit, or in construction, to detect thermal bridges.

With KPS models, measurements can be made without contact, by infrared, or through thermocouples in contact with the surface of the tested object.



REL. HUMIDITY

10% ~ 90%

IR TEMP

-4°F~932°F



KPS-TM500
Non-contact infrared thermometer

Article	SKU	UPC
KPS-TM500	KPSTM500CBINT	810053670514

- Non-contact infrared thermometer.
- Laser target pointer
- Emissivity: 0.95.
- D:S ratio=10:1
- Indication in degrees: Celsius or Fahrenheit.
- Data hold
- MAX/MIN/AVG values
- Display backlight. Low battery display.
- Tested and certified according to IEC/EN 61326.



IR TEMP

-40°F~1472°F

K TEMP

-40°F~1976°F



KPS-TM800
Non-contact infrared thermometer

Article	SKU	UPC
KPS-TM800	KPSTM800CBINT	810053670521

- Non-contact infrared thermometer up to 800°C
- Class II laser tester pointer
- IRT and K-type temperatura measurement
- Adjustable emissivity: 0.10~1.0
- D:S ratio: 12:1
- Indication in degrees: Celsius or Farenheit
- MAX/MIN/AVG/DIF values
- Auto-off, display backlight and low battery display



KPS-TM300

Digital thermometer 1 channel

Article	SKU	UPC
KPS-TM300	KPSTM300CBINT	810053670538

- 1-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data hold.
- Auto-off(adjustable power-off time) and low battery display.



KPS-TM340

Digital thermometer 2 channels with data logging

Article	SKU	UPC
KPS-TM340	KPSTM340CBINT	810053670552

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- Thermocouple deviation compensation.
- MAX/MIN/AVG values.
- USB communication.
- Data hold and date register.
- Auto-off(adjustable power-off time) and low battery display.



KPS-TM320

Digital thermometer 2 channels

Article	SKU	UPC
KPS-TM320	KPSTM320CBINT	810053670545

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data Hold.
- Auto-off(adjustable power-off time) and low battery display.



INDUSTRIAL METERS

In industrial environments, with the presence of motors and machines, instruments that allow the verification of the phase sequence, angular and linear speeds or loop resistance at specific points of the installation are very useful.

Along with them, a line separator will facilitate the task of measuring the consumption of the different loads.



KPS-TC10
Contact-type digital tachometer

Article	SKU	UPC
KPS-TC10	KPSTC10CBINT	810053670569

- Contact-type digital tachometer.
- Measurement of angular speed from 50 to 20.000 RPM.
- Measurement of lineal speed: m/min, m/sc, feet/min, feet/sc, inch/ min.
- MAX/MIN/AVG values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.
- Different idle wheels and touch tips are included.



KPS-TC20
Non-contact-type digital tachometer

Article	SKU	UPC
KPS-TC20	KPSTC20CBINT	810053670576

- Non-contact-type digital tachometer.
- Measurement of angular speed from 50 to 100.000 RPM.
- Measurement distance: 1.96" to 9.84".
- MAX/MIN values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.



KPS-CF100

Motor and phase rotation indicator

Article	SKU	UPC
KPS-CF100	KPSCF100CBINT	810053670590

- Phase sequence indicator in three-phase systems.
- Motor rotation tester.
- Non-contact rotary field indication.
- LED indication.
- Built-in test leads.
- CAT. III 600V according to EN 61010.



KPS instruments services

At your disposal a range of services that provide added value to our Instrumentation Solutions, such as:

- » Equipment repairs and calibration
- » Advice on the selection of equipment
- » Technical support

For more details please contact us:
info.na@mgl-intl.com



DISTANCE METERS

Laser distance meters are ideal for any professional who wants to make fast and accurate measurements.

KPS has developed a range of meters for different distances, combining simplicity of use with a high level of functionality, which allows it to meet the requirements of a wide range of applications.



DISTANCE
0.05 m ~ 100 m



DISTANCE
0.05 m ~ 40 m



KPS-DM100 Laser distance meter

Article	SKU	UPC
KPS-DM100	KPSDM100CBINT	810053670606

- Laser distance meter up to 100 meters.
- Area & Volume Calculation.
- Add and subtract measurement function.
- Unit reflection: mm/inch/ft.
- MAX/MIN values.
- Data register.
- Class II Laser.
- Auto-off and display backlight.

KPS-DM040 Laser distance meter

Article	SKU	UPC
KPS-DM040	KPSDM040CBINT	810053670613

- Laser distance meter up to 40meters
- Calculation of areas and volumes, as well as calculation according to the Pythagorean Theorem.
- Add and subtract measurement function.
- Unit selection: mm/inch/ft
- MAX/MIN values.
- Data register up to 99 units.
- Class II Laser.
- Auto-off and display backlight.

ELECTRICAL SAFETY KITS

Different KITS of instruments for different needs

			
Article	SAFETYCHECK-BS	SAFETYCHECK-ADV	SAFETYCHECK-SP
SKU	KPSSCHECKBSCBINT	KPSSCHECKADVCBINT	KPSSCHECKSPCBINT
UPC	-	-	-
FUNCTIONS			
Contents	• MULTICHECK TESTER (Multifunction tester) • KPS-PW300 (Clamp meter) • KPS-DT100 (Voltage detector) • KPS-PF740 (Leakage clamp meter) • KPS-LX30LED (Luxometer)	• MULTICHECK TESTER (Multifunction tester) • POWERCOMPACT (Power Quality Analyzer)	• MULTICHECK TESTER (Multifunction tester) • POWERCOMPACT (Power Quality Analyzer) • KPS-PF740 (Leakage clamp meter) • KPS-LX30LED (Luxometer) • KPS-PA720 (AC/DC clamp meter)
Insulation resistance	•	•	•
Impedance (ZL/ZLoop)	•	•	•
Earth resistance	•	•	•
Continuity	•	•	•
Voltage (V)	•	•	•
Phase rotation	•	•	•
RCD test	•	•	•
Voltage detection	•	•	•
Power/Energy Logger	•	•	•
Network Analyzer		•	•
Harmonics		•	•
Transients and events		•	•
Luxometer	•		•
Floor insulation			•

KIT NAME	SKU	UPC	Content description		Packaging
KIT-CONSTRUCTION	Consult	-		- Screwdriver type voltage tester - Pocket multimeter - Metal detector	Consult
KIT-QUICKCHECK /EU (EU VERSION)	Consult	-		- Non-contact voltage detector - Socket tester (EU version)	Consult
KIT-QUICKCHECK /US (US VERSION)	Consult	-		- Non-contact voltage detector - Socket tester (US version)	Consult
KIT-MAINTENANCE/EU (EU VERSION)	Consult	-		- Non-contact voltage detector - Manual range digital multimeter - Socket tester (EU version)	Consult
KIT-MAINTENANCE/US (US VERSION)	Consult	-		- Non-contact voltage detector - Manual range digital multimeter - Socket tester (US version)	Consult
KIT-APPLIANCES/EU (EU VERSION)	Consult	-		400A AC clamp meter - Line splitter (EU version) - Socket tester (EU version)	Consult
KIT-APPLIANCES/US (US VERSION)	Consult	-		400A AC clamp meter - Line splitter (US version) - Socket tester (US version)	Consult
KIT-ANY _MEASURE	Consult	-		400A AC clamp meter - Manual range digital multimeter	Consult
KIT-MAINTENANCE	Consult	-		400A AC clamp meter - Non-contact voltage detector	Consult
KIT-ALL _IN _ONE	Consult	-		- Manual range digital multimeter - Non-contact voltage detector - Electrical scissors	Consult
KIT-THE _MASTER _CHOICE	Consult	-		- Manual range digital multimeter - Electrical scissors - Cable stripper	Consult



CABLES, TEST LEADS & THERMOCOUPLES

Different versions of the cables, the tips or the thermocouples can be chosen according to your needs.



KPS-PT30 Test leads with alligator clips

Article	SKU	UPC
KPS-PT30	KPSPT30CSINT	810053670620

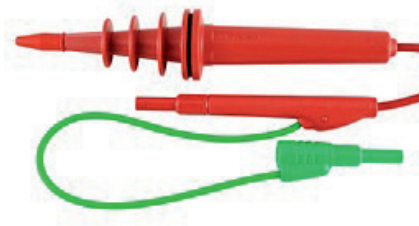
- MAX current: 10A
- Length: 43.3"
- Color: red and black
- CAT III 600V 10A according to EN 61010



KPS-CP400 Fused test probe with silicone test leads

Article	SKU	UPC
KPS-CP400	KPSCP400CSINT	810053670637

- Silicone test leads
- 2 replaceable fast-acting fuses are built-in.
- Length: 59.05"
- MAX current: 10A
- Color: red and black
- CAT III 1kV 10A / CAT IV 600V 10A according to EN 61010

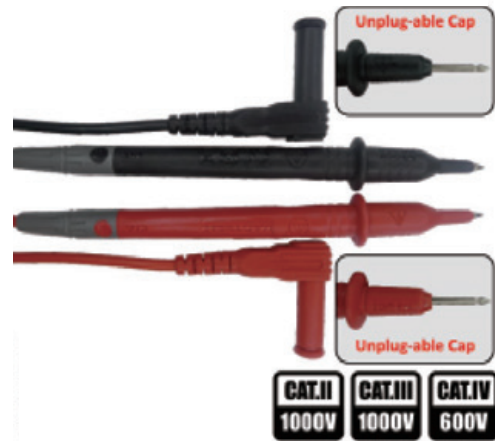


KPS-CP420

Test leads with insulation tips up to 10kV

Article	SKU	UPC
KPS-CP420	KPSCP420PEINT	810053670644

- Super insulated silicone wire
- Length: 106"
- Safety straight input plug connect with extra green guard.
- Warning:
 - Input : MAX 1000V AC
 - Output : MAX 10KV DC
- CAT III 10kVdc 2mA according to EN 61010



KPS-PT20

Test leads large size

Article	SKU	UPC
KPS-PT20	KPSPT20PEINT	-

- Length: 39.37"
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. III 1000V / CAT. IV 600V according to EN 61010



KPS-CP500

Alligator clips and test leads for earth resistance tester

Article	SKU	UPC
KPS-CP500	KPSCP500CBINT	810053670651

- Wide grip alligator clips with integral finger guard
- PVC-insulated wire (Red-98 ft, Yellow-66 ft, Green-16.5 ft)
- Right angle connector
- For 3-wire earth resistance tester



KPS-PT15

Test leads small size

Article	SKU	UPC
KPS-PT15	KPSPT15PEINT	810053670729

- Length: 31"
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. II 1000V / CAT. III 1000V according to EN 61010

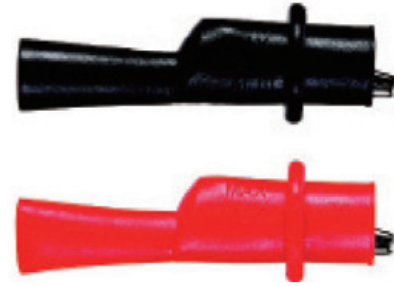


KPS-CP300

Test probe straight tipe & right angle type

Article	SKU	UPC
KPS-CP300	KPSCP300PEINT	810053670736

- Test leads without tips
- Length: 40"
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. III 1000V according to EN 61010



KPS-PT100

Small alligator clips

Article	SKU	UPC
KPS-PT100	KPSPT100PEINT	810053670668

- Length: 2.13"
- Color: red, black



KPS-PT200

IC test clip

Article	SKU	UPC
KPS-PT200	KPSPT200PEINT	810053670743

- Length: 7.28"
- Max. 5A
- Plug: 0.157" diameter jack
- Color: red, black



KPS-PT120

Extra large alligator clips

Article	SKU	UPC
KPS-PT120	KPSPT120PEINT	810053670675

- Length: 2.56"
- 0.157" diameter cross plug
- Color: red, black



KPS-TP100 K type thermocouple

Article	SKU	UPC
KPS-TP100	KPSTP100PEINT	810053670682

- Length: 40"
- Range: -40°C ~ 260°C (-40 ~ 500°F)



KPS-TP300 K type thermocouple

Article	SKU	UPC
KPS-TP300	KPSTP300PEINT	810053670699

- Length: 40"
- Plug lenght: 0.47"
- Range: -40°C ~ 260°C (-40 ~ 500°F)



KPS-TP120 K type thermocouple

Article	SKU	UPC
KPS-TP120	KPSTP120PEINT	810053670705

- Length: 40"
- Range: -40°C ~ 600°C (-40 ~ 1112°F)



KPS-TP320 K type thermocouple

Article	SKU	UPC
KPS-TP320	KPSTP320PEINT	810053670712

- Length: 40"
- Plug lenght: 0.47"
- Range: -40°C ~ 600°C (-40 ~ 1112°F)



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