

# INDUSTRIAL CLAMPS

## INDUSTRIAL CLAMPS (designed and manufactured by KPS)

Industrial applications require different specifications than domestic/ commercial applications due to the electrical conditions of these types of systems. KPS offers different models incorporating suitable features and functionalities, such as TRMS measurements and CATIV safety rating, high-frequency rejection to cope with noisy signal environments or low impedance mode to eliminate the influence on the measurement of ghost voltages, all useful for safe and accurate measurements.

Experts in Measurement Instrumentation





JAW SIZE  
Ø42mm / 1.6"

VOLTAGE  
DC 1000V  
AC 750V

CURRENT  
DC 1000A  
AC 1000A

EC  
CAT IV 600V  
CAT III 1000V  
RoHS  
PATENTED  
Intertek

**KPS-PA720  
TRMS digital Clamp Meter**

| SKU           | UPC          | EAN 13        |
|---------------|--------------|---------------|
| KPSPA720CBINT | 810053670194 | 8435394747217 |

- 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, work light and low battery display
- CATIII 1000V, CATIV 600V according to EN 61010



JAW SIZE  
Ø40mm / 1.6"

VOLTAGE  
DC 1000V  
AC 750V

CURRENT  
AC 1000A

EC  
CAT IV 600V  
CAT III 1000V  
RoHS  
PATENTED  
Intertek

**KPS-PA700  
TRMS digital Clamp Meter**

| SKU           | UPC          | EAN 13        |
|---------------|--------------|---------------|
| KPSPA700CBINT | 810053670187 | 8435394747200 |

- 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, work light, and low battery display
- CATIII1000 V/ CAT IV 600V according to EN 61010



JAW SIZE  
Ø42mm / 1.7"

VOLTAGE  
DC 1000V  
AC 750V

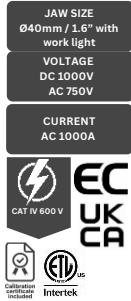
CURRENT  
AC 1000A

EC  
RoHS

**KPS-PA10  
Digital Clamp Meter**

| SKU          | UPC          | EAN 13        |
|--------------|--------------|---------------|
| KPSPA10CBINT | 810053670156 | 8435394710143 |

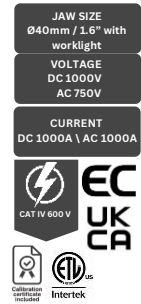
- Digital clamp meter
- Display counts: 2000
- DC/AC voltage, AC current and resistance (2MΩ) measurement.
- Continuity buzzer and diode test.
- Data hold.
- Display backlight.
- Low battery display.
- CATII 1.000V, CATIII 600V according to EN 61010.



**DCM3000**  
**TRMS Clamp Meter 1000AC**

| SKU             | UPC          | EAN 13        |
|-----------------|--------------|---------------|
| KPSDCM3000CBINT | 810053671962 | 8435394777696 |

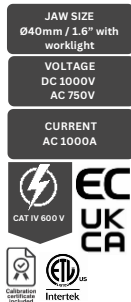
- AC/DC Voltage, AC current and resistance measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage Detection.
- Auto ranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CATIV 600V according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



**DCM4000T TRMS**  
**Clamp Meter 1000A ACDC with temperature**

| SKU              | UPC          | EAN 13        |
|------------------|--------------|---------------|
| KPSDCM4000TCBINT | 810053671986 | 8435394777719 |

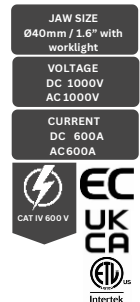
- AC/DC Voltage, AC/DC current, resistance e, frequency, capacitance and temperature measurements.
- True Root Mean Square (TRMS) measurement.
- Continuity buzzer and diode test.
- Non-Contact Voltage Detection.
- Auto ranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and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



**DCM3500T**  
**TRMS Clamp Meter 1000 AC with temperature**

| SKU              | UPC          | EAN 13        |
|------------------|--------------|---------------|
| KPSDCM3500TCBINT | 810053671979 | 8435394777702 |

- 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.
- Auto ranging.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CATIV 600V according to EN 61010.



**DCM8000BT Industrial**  
**TRMS AC/DC Clamp Meter**

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSDCM8000BTCBINT | 810053677759 | 8435394787268 |

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Low impedance mode measurements
- AC /DC currents (600A)
- High-Frequency rejection function
- Non-Contact Voltage detection
- Inrush current measurements
- Resistance and capacitance
- MAX/MIN values, and relative measurements
- Torch
- Flexible current test, integrated with FLEX current probes expand the current range to 3000ACA, providing a direct "Amp" reading display, making electrical measurements easier and safer. (optional accessory, find further information on page 37)
- CATIII 1000V, CATIV 600V according to EN 61010



| SKU                                  | KPSPA10CBINT                 | KPSPA700CBINT                | KPSPA720CBINT                | KPSCM3000CBINT               | KPSCM3500T<br>CBINT          | KPSCM4000T<br>CBINT          | KPSCM8000BT<br>CBINT         |
|--------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| True RMS measurements                | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Counts                               | 2000                         | 6600                         | 6000                         | 6000                         | 6000                         | 6000                         | 6000                         |
| Alternating current, up to           | 1000A                        | 1000A                        | 1000A                        | 1000A                        | 1000A                        | 1000A                        | 600A                         |
| Direct current, up to                | -                            | -                            | 1000A                        | -                            | -                            | 1000A                        | 600A                         |
| AC/DC low currents (uA)              | -                            | -                            | -                            | -                            | -                            | -                            | -                            |
| Alternating voltage, up to           | 750V                         | 750V                         | 750V                         | 750V                         | 750V                         | 750V                         | 1000V                        |
| Direct voltage, up to                | 1000V                        | 1000V                        | 1000V                        | 1000V                        | 1000V                        | 1000V                        | 1000V                        |
| Resistance, up to                    | 2kΩ                          | 66MΩ                         | 60MΩ                         | 20MΩ                         | 20MΩ                         | 20MΩ                         | 600kΩ                        |
| Frequency, up to                     | -                            | 66MHz                        | 10MHz                        | -                            | 60kHz                        | 60kHz                        | 10kHz                        |
| Temperature, up to                   | -                            | 1000°C                       | -                            | -                            | 760°C                        | 760°C                        | -                            |
| Continuity test                      | √                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Diode test                           | √                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Capacitance, up to                   | -                            | 66mF                         | 100mF                        | -                            | 6mF                          | 6mF                          | 1000μF                       |
| Non-contact voltage detection        | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Inrush current                       | -                            | -                            | √                            | -                            | -                            | -                            | √                            |
| Low pass filter                      | -                            | -                            | -                            | -                            | -                            | -                            | √                            |
| Data Hold                            | √                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Relative measurements                | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| MAX/MIN values                       | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Autoranging                          | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Jaw size                             | 42 mm                        | 40 mm with<br>worklight      | 40 mm with<br>worklight      | 40 mm with<br>worklight      | 40 mm with<br>worklight      | 40 mm with<br>worklight      | 37 mm with<br>worklight      |
| Auto off                             | -                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Backlight display                    | √                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Low battery display                  | √                            | √                            | √                            | √                            | √                            | √                            | √                            |
| Connectivity                         | -                            | -                            | -                            | -                            | -                            | -                            | BT                           |
| Data logging                         | -                            | -                            | -                            | -                            | -                            | -                            | √                            |
| Compatibility with Flexcurrent probe | -                            | -                            | -                            | -                            | -                            | -                            | √                            |
| Category according to EN61010        | CAT II 1000V<br>CAT III 600V | CAT III 1000V<br>CAT IV 600V | CAT III 1000V<br>CAT IV 600V | CAT III 1000V<br>CAT IV 600V | CAT III 1000V<br>CAT IV 600V | CAT III 1000V<br>CAT IV 600V | CAT III 1000V<br>CAT IV 600V |

# MINI CLAMP METERS

**MINI CLAMP METERS (Is designed and manufactured by KPS)** KPS MINI is a range of small size clamps, with all the functionalities and safety required not only for domestic or commercial applications but also professional electrical works

Experts in Measurement Instrumentation





JAW SIZE  
Ø28mm / 1.1"

VOLTAGE  
DC 600V  
AC600V

CURRENT  
AC 300A

CAT III 600 V

EC  
RoHS

ETL US  
Intertek

**KPS-PA420 MINI  
Mini Digital Clamp Meter**

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSPA420MINICBINT | 810053670149 | 8435394747194 |

- 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



JAW SIZE  
Ø26mm / 1.0"

VOLTAGE  
DC 600V  
AC600V

CURRENT  
AC 600A

CAT III 600 V

EC  
RoHS

**KPS-PA20 MINI  
Mini digital Clamp Meter**

| SKU              | UPC          | EAN 13        |
|------------------|--------------|---------------|
| KPSPA20MINICBINT | 810053670163 | 8435394710150 |

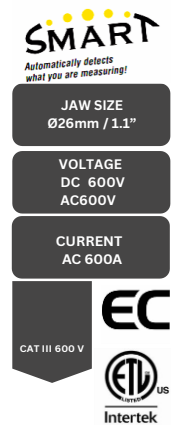
- Mini digital clamp meter
- Display: 4000 counts
- AC/DC voltage, AC current
- Resistance (40MΩ), frequency, duty cycle and capacitance (100µF) measurement
- Temperature measurement from 20°C to +750°C
- Auto ranging
- Diode check and continuity buzzer
- Data hold
- Auto-off, display backlight and low battery display
- CAT III 600V according to EN61010
- Auto Power Off.
- Low Bat. Display
- Display Backlight
- Work light
- CAT III 600V according to EN 61010



**KPS-PA430 MINI**  
Minimize impedimetric digital

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSPA430MINICBINT | 810053670170 | 8435394747651 |

- 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 tes
- MAX/MIN values. Relative measurements
- Data hold
- autorunning, auto-off, work light and low battery display
- CAT III 600V according to EN 61010



**KPS-PA900 MINI**  
Mini Digital Clamp Meter

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSPA900MINICBINT | 810053670200 | 8435394747224 |

- 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



**KPS-SL100**  
Line splitter

| SKU | KPSSL100CBINT | KPSSL100UKCBINT | KPSSL100USCBINT |
|-----|---------------|-----------------|-----------------|
| UPC | -             | -               | 810053670583    |
| EAN | 8435394747484 | 8435394776477   | 8435394776446   |



**DCM200MINI**  
Mini DC/AC Clamp Meter

| SKU                | UPC          | EAN 13        |
|--------------------|--------------|---------------|
| KPSDCM200MINICBINT | 810053677728 | 8435394787237 |

- Thanks to its pocket size and functionalities such as Automatic detection of AC or DC currents, Inrush current measurement or High-frequency rejection mode, DCM200MINI is the right clamp for simple but reliable current measurements on both domestic/commercial or industrial applications
- ITrue-RMS
- 6000 count large-scale LCD display with backlit
- 10mA Resolution
- Inrush Current Measurement
- 1.5% basic DCA/ACA accuracy
- Pocket size Current Meter
- NCV detection
- Low pass filter
- HOLD
- ZERO function
- CAT III 600V according to EN 61010





**JAW SIZE**  
Ø16mm / 0.6"

**VOLTAGE**  
DC 1000V  
AC1000V

**CURRENT**  
AC 200A

**EC**  
CAT IV 600 V  
CAT III 1000V

**ETL US**  
Intertek

**DCM1500JW**  
digital Clamp Meter with open jaw

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSDCM1500JWCBINT | 810053677735 | 8435394787244 |

- True RMS reading on AC mode
- Auto Selection on ACV, DCV, 2, ACA,
- Diode and Continuity
- 10000-count digital display with backlit Smart Data Hold
- 0.3% basic DCV accuracy
- Max conductor size:16mm diameter
- Backlit LCD display
- Auto Power Off
- **Non-Contact** Voltage Detection
- CATIII 600V according to EN 61010



**JAW SIZE**  
Ø12mm / 0.5"

**VOLTAGE**  
DC 600V  
AC600V

**CURRENT**  
DC 1200mA  
AC 200A

**EC**  
CAT IV 600 V  
CAT III 1000V

**RoHS**

**ETL US**  
Intertek

**KPS-PA440**  
Digital Clamp Meter with open jaw

| SKU           | UPC          | EAN 13        |
|---------------|--------------|---------------|
| KPSPA440CBINT | 810053670217 | 8435394747231 |

- 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
- CATIII 600V according to EN 61010



| SKU                                 | KPSDCM200MINICBINT | KPSPA420MINI CBINT | KPSPA20MINICBINT     | KPSPA430MINI CBINT   | KPSDCM1500JWCBINT            | KPSPA440CBINT        |
|-------------------------------------|--------------------|--------------------|----------------------|----------------------|------------------------------|----------------------|
| True RMS measurements               | √                  | -                  | -                    | -                    | √                            | -                    |
| Counts                              | 6000               | 2000               | 4000                 | 4000                 | 10000                        | 6000                 |
| Alternating current, up to          | 300A               | 400A               | 600A                 | 400A                 | 200A                         | 200A                 |
| Direct current, up to               | 300A               | -                  | -                    | 400A                 | -                            | 1000μA               |
| AC/DC low currents (uA)             | -                  | -                  | -                    | -                    | -                            | -                    |
| Alternating voltage, up to          | -                  | 600V               | 600V                 | 600V                 | 1000V                        | 600V                 |
| Direct voltage, up to               | -                  | 600V               | 600V                 | 600V                 | 1000V                        | 600V                 |
| Resistance, up to                   | -                  | 2kΩ                | 40MΩ                 | 40MΩ                 | 10MΩ                         | 60MΩ                 |
| Frequency, up to                    | -                  | -                  | 10kHz                | 1kHz                 | -                            | 60MHz                |
| Temperature, up to                  | -                  | -                  | 750°C                | -                    | -                            | 400°C                |
| Continuity test                     | -                  | √                  | √                    | √                    | -                            | √                    |
| Diode test                          | -                  | √                  | √                    | √                    | √                            | √                    |
| Capacitance, up to                  | -                  | -                  | 100μF                | -                    | -                            | 60mF                 |
| Non-contact voltage detection       | √                  | -                  | -                    | -                    | √                            | √                    |
| Inrush current                      | √                  | -                  | -                    | -                    | -                            | -                    |
| Low pass filter                     | √                  | -                  | -                    | -                    | -                            | -                    |
| Power measurements (W, VA, VAR, PF) | √                  | -                  | -                    | -                    | -                            | -                    |
| Data Hold                           | √                  | √                  | √                    | √                    | √                            | √                    |
| Relative measurements               | -                  | -                  | -                    | √                    | -                            | -                    |
| MAX/MIN values                      | -                  | -                  | -                    | √                    | -                            | -                    |
| Autoranging                         | √                  | -                  | √                    | √                    | -                            | √                    |
| Jaw size                            | 24 mm              | 28 mm              | 26 mm with worklight | 26 mm with worklight | 16 mm                        | 12 mm with worklight |
| Auto off                            | √                  | -                  | √                    | √                    | √                            | √                    |
| Backlight display                   | √                  | -                  | √                    | √                    | -                            | √                    |
| Low battery display                 | √                  | √                  | √                    | √                    | √                            | √                    |
| Connectivity                        | -                  | -                  | -                    | -                    | -                            | -                    |
| Data logging                        | -                  | -                  | -                    | -                    | -                            | -                    |
| Category according to EN61010       | CAT III 600V       | CAT III 600V       | CAT III 600V         | CAT III 600V         | CAT IV 600V<br>CAT III 1000V | CAT III 600V         |

# POWER & LEAKAGE CLAMPS

## POWER & LEAKAGE CLAMPS (designed and manufactured by KPS)

KPS DCM5000PW and DCM6000PW clamp meters provide advanced Power features, such as Power(W), Power factor, Harmonics distortion and even Harmonics 1st to 25th with easy-to-use interface, which enables fully professional power measurement application with excellent performance. Check the power consumption directly on your phone using the KPS link APP. The leakage clamp meter is the perfect tool for measuring and locating of AC/DC currents responsible of RCDs troubleshooting and unexpected tripping out.

Experts in Measurement Instrumentation





JAW SIZE  
Ø50mm / 2.0"

VOLTAGE  
AC 600V

CURRENT  
AC 1000A

CAT III 600 V

EC

RoHS

ETL US

Intertek

### KPS-PW300 Three-phase power Clamp Meter

| SKU           | UPC          | EAN 13        |
|---------------|--------------|---------------|
| KPSPW300CBINT | 810053670231 | 8435394774732 |

- 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.
- CATIII 1000V according to EN 61010



JAW SIZE  
Ø33mm / 1.3"

VOLTAGE  
DC 1000V  
AC1000V

CURRENT  
AC 600A

CAT IV 600 V  
CAT III 1000V

EC

UK CA

ETL US

Intertek

### DCM5000PW Three-phase power Clamp Meter

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSCDM5000PWCBINT | 810053676875 | 8435394786292 |

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- High Frequency Rejection
- Phase rotation
- Harmonics, power, power factor measurements
- Capacitance, Frequency and resistance measurements
- Bluetooth connectivity
- Auto torch during cable clamping and active backlit that turns ON at the touch of a button or rotate the knob
- Compatible with FLEX current probe
- CATIV 600V, CATIII 1000V according to EN 61010



JAW SIZE  
Ø40mm / 1.6"

VOLTAGE  
DC 1000V  
AC1000V

CURRENT  
DC600A  
AC 600A

CAT IV 600 V  
CAT III 1000V

EC

UK CA

ETL US

Intertek

### DCM6000PW AC/DC Power Clamp Meter

| SKU               | UPC          | EAN 13        |
|-------------------|--------------|---------------|
| KPSCDM6000PWCBINT | 810053676882 | 8435394786308 |

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- High Frequency Rejection
- Phase rotation
- AC+DC current and voltage measurements
- Harmonics, power, power factor measurements
- Capacitance, frequency, and resistance measurements
- Bluetooth connectivity
- Auto torch during cable clamping and active backlit that turns ON at the touch of a button or rotate the knob
- Compatible with FLEX current probe
- CATIV 600V, CATIII 1000V according to EN 61010



### KPS-PF10 Leakage Clamp Meter

| SKU          | UPC          | EAN 13        |
|--------------|--------------|---------------|
| KPSPF10CBINT | 810053670224 | 8435394710181 |

- 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.



### DCM300LEAK True RMS Leakage Clamp Meter

| SKU                | UPC          | EAN 13        |
|--------------------|--------------|---------------|
| KPSDCM300LEAKCBINT | 810053676851 | 8435394786254 |

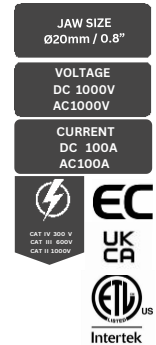
- True RMS reading
- 5 ranges 6 mA, 60 mA, 600 mA, 6 A, 60 A, with a minimum resolution of 0,001mA
- 6000 counts
- Reliable measurements on circuits with harmonics or electric noise using the selectable Low Pass filter(High-Frequency Rejection function)
- AC 60 Amps capability
- HOLD
- MAX/MIN values
- Torchlight
- Class 2 <30A/m, according with IE61557-13



### KPS-PF740 Leakage Clamp Meter

| SKU           | UPC          | EAN 13        |
|---------------|--------------|---------------|
| KPSPF740CBINT | 810053670248 | 8435394747248 |

- TRMS measurements.
- 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 (0°C to +1000°C).
- Diode check and continuity test.
- MAX/MIN values.
- Data hold.
- Auto range, Low battery display and Auto
- OFF CATIII 600V according to EN 61010.



### DCM400LEAK AC/DC TRMS Leakage Clamp Meter

| SKU                | UPC          | EAN 13        |
|--------------------|--------------|---------------|
| KPSDCM400LEAKCBINT | 810053677711 | 8435394787220 |

- True RMS measurements
- 6000 counts
- Resistance measurement
- AC/DC 100 Amps capability
- High-Frequency Rejection
- HOLD
- MAX/MIN values
- Non-Contact Voltage Detection
- ZERO function
- Torch
- DC/AC 1mA resolution
- Smart Data Hold
- Flexible current test, integrated with FLEX current probes expands the current range to 3000ACA, providing a direct "Amp" reading display, making electrical measurements easier and safer. (optional accessory, find further information on pages 36-37)
- CATII 1000V, CATIII 600V, CATIV 300V according to EN 61010.



| SKU                                 | KPSPW300CBIT | KPSDCM5000PW<br>CBINT     | KPSDCM6000PW<br>CBINT     | KPSPF10CBINT | KPSPF740CBINT | KPSDCM300LEAK<br>CBINT | KPSDCM400LEAK<br>CBINT                |
|-------------------------------------|--------------|---------------------------|---------------------------|--------------|---------------|------------------------|---------------------------------------|
| True RMS measurements               | √            | √                         | √                         | -            | √             | √                      | √                                     |
| Counts                              | 6000         | 10000                     | 10000                     | 2000         | 4000          | 6000                   | 6000                                  |
| Alternating current, up to          | 1000A        | 600A                      | 600A                      | 60A          | 150A          | 60A                    | 100A                                  |
| Direct current, up to               | -            | -                         | 600A                      | -            | -             | -                      | 100A                                  |
| AC/DC low currents (µA)             | -            | -                         | -                         | -            | -             | -                      | -                                     |
| Alternating voltage, up to          | 600V         | 1000V                     | 1000V                     | -            | 600V          | -                      | 1000V                                 |
| Direct voltage, up to               | -            | 1000V                     | 1000V                     | -            | 600V          | -                      | 1000V                                 |
| Resistance, up to                   | -            | 100kΩ                     | 100kΩ                     | 40MΩ         | 40MΩ          | -                      | 40MΩ                                  |
| Frequency, up to                    | 1kHz         | 10kHz                     | 10kHz                     | -            | -             | -                      | 50kHz                                 |
| Temperature, up to                  | -            | -                         | -                         | -            | 1000°C        | -                      | -                                     |
| Continuity test                     | √            | √                         | √                         | -            | √             | -                      | √                                     |
| Diode test                          | √            | √                         | √                         | -            | √             | -                      | √                                     |
| Capacitance, up to                  | -            | 4mF                       | 4mF                       | -            | 40mF          | -                      | -                                     |
| Non-contact voltage detection       | -            | -                         | √                         | -            | -             | -                      | √                                     |
| Inrush current                      | -            | √                         | √                         | -            | -             | -                      | -                                     |
| Low pass filter                     | -            | √                         | √                         | √            | √             | √                      | √                                     |
| Power measurements (W, VA, VAR, PF) | √            | W, PF                     | W, PF                     | -            | -             | -                      | -                                     |
| Harmonic measurements               | √            | √                         | √                         | -            | -             | -                      | -                                     |
| Data Hold                           | √            | √                         | √                         | √            | √             | √                      | √                                     |
| Relative measurements               | -            | √                         | -                         | -            | -             | -                      | -                                     |
| MAX/MIN values                      | -            | √                         | √                         | -            | √             | √                      | √                                     |
| Auto ranging                        | √            | √                         | √                         | -            | √             | √                      | √                                     |
| Jaw size                            | 50 mm        | 33 mm with work light     | 33 mm                     | 31 mm        | 30 mm         | 40 mm with work light  | 21 mm                                 |
| Auto-off                            | √            | √                         | √                         | √            | √             | √                      | √                                     |
| Backlight display                   | √            | √                         | √                         | -            | -             | √                      | √                                     |
| Low battery display                 | √            | √                         | √                         | √            | √             | √                      | √                                     |
| Connectivity                        | RS232        | BT                        | BT                        | -            | -             | BT                     | -                                     |
| Data logging                        | √            | √                         | √                         | -            | -             | -                      | -                                     |
| Flex. probe compatibility           | -            | √                         | √                         | -            | -             | -                      | √                                     |
| Category according to EN61010       | CAT III 600V | CAT III 1000V CAT IV 600V | CAT III 1000V CAT IV 600V | CAT III 600V | CAT III 600V  | CAT III 600V           | CAT II 1000V CAT III 600V CAT IV 300V |