1-Phase-Power Meter

PCE-360

1-Phase-Power Meter / 3-Phase Power & Energy Meter with Data Memory

- category CAT III / 1000 V; clamp: CAT III / 600V
- harmonic wave analysis up to the 31st wave (when used with PC software)
- real-time monitoring, recording and analysis of 1- and 3-phase systems
- data logging, memory capacity for 20,000 sets of data (504 KB) 12,000 sets of data per measurement
- voltage / current measurement (TRMS)
- measures power factor and phase angle
- measures active, apparent & reactive power
- with current clamp to measure neutral conductors

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy / Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage measurement</td>
<td>50 ... 600.0 V TRMS</td>
<td>0.1 V</td>
<td>±1.5 % of reading +10 dgt</td>
</tr>
<tr>
<td>Current measurement</td>
<td>3 ... 999.9 A TRMS</td>
<td>0.1 A</td>
<td>±1.5 % of reading +15 dgt</td>
</tr>
<tr>
<td>Active power P</td>
<td>150 W ... 999.9 kW</td>
<td>1.0 kW</td>
<td>±1.5 % of reading +20 dgt</td>
</tr>
<tr>
<td>Apparent power S</td>
<td>150 VA ... 999.9 kVA / 0.1 KVA</td>
<td>±1.5 % of reading +20 dgt</td>
<td></td>
</tr>
<tr>
<td>Reactive power meas. Q</td>
<td>150 Var ... 999.9 kVAr / 0.1 KVar</td>
<td>±1.5 % of reading +20 dgt</td>
<td></td>
</tr>
<tr>
<td>Power (active, reactive &amp; apparent)</td>
<td>0.0 ... 119.3 MWh / MVArh / Mvarh</td>
<td>±1.5 % of reading +20 dgt</td>
<td></td>
</tr>
<tr>
<td>Power factor PF</td>
<td>0.000 ... +1.000</td>
<td>±0.06 dgt / 0.001</td>
<td></td>
</tr>
<tr>
<td>Phase angle</td>
<td>-90 ... +90°</td>
<td></td>
<td>±3° / 0.1°</td>
</tr>
<tr>
<td>Frequency meas.</td>
<td>40 ... 100 Hz / voltage U1</td>
<td>±1 % of reading +2 dgt</td>
<td></td>
</tr>
<tr>
<td>Data memory</td>
<td>max. 20,000 sets of data (504 KB) 12,000 sets of data per meas.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sampling rate</td>
<td>5 / 30 s / 1 / 2 min (adjustable)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interface</td>
<td>USB (optical insulation)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td>multifunctional display</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>8 x 1.5 V batteries or mains adaptor 12 V / 300 mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions / weight</td>
<td>235 x 117 x 54 mm / 730 g</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

INCLUDES

3-phase power meter, current clamps, batteries, crocodile clips, safety test leads, bag, mains adaptor, USB cable, software (English), instruction manual

ITEM NO. ITEM

K-PCE-360 3 phase power meter

OPTIONAL ACCESSORIES

K-CAL-PCE-360 ISO calibration certificate

www.pce-instruments.com/us
An external service to assist you

- If you want us to demonstrate XXXXXXXX to you personally, please do not hesitate to contact us.
- We can meet you where it is necessary.
- You choose where and when suits you best.

E-mail
info@pce-instruments.com

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+44 (0) 2380 98703 0

Easycount 1
1-Phase-Power Meter

- flexible and easy to use anywhere
- display easy to read
- stable ABS case
- connection cable length 0.50 m each
- available with different plug types

Easycount 3
Verified 3-Phase Current Meter

- with 16 A or 32 A CEE plug / plug-in connector (depending on the model selected)
- flexible and easy to use anywhere
- display easy to read
- stable ABS case
- connection cable length approx. 0.50 m each

PCE-MHU
TECHNICAL SPECIFICATIONS
Voltage range 230 V AC
Current carrying capacity 16 A
Frequency 50 Hz
Consumption <0.5 W
Min. power 6 W
Display 5 + 1 cyclometer register
Accuracy class I
Resolution 0.1 kWh
Connection cable L= 0.5 m
Operating conditions -20 ... +50 °C
Protection class counter IP 54

INCLUDES
AC meter Easycount (one of the models) with 0.5 m cable, plug, plug-in connector (all connected)

ITEM NO. ITEM
K-Easycount-1-Schuko-U counter, Schuko
K-Easycount-1-CEE-U counter, CEE
K-Easycount-1-Schuko-G counter, Schuko, verified
K-Easycount-1-CEE-G counter, CEE, verified

TECHNICAL SPECIFICATIONS
Voltage range 3 x 230 V / 400 V
Current carrying cap. 16 A or 32 A
Frequency 50 Hz
Consumption <0.5 W
Min. power 6 W
Display 6 + 1 cyclometer register
Resolution 0.1 kWh
Connection cable L= 0.5 m
Case impact- and shock-proof
Operating conditions -20 ... +50 °C
Protection class counter IP 54

INCLUDES
3-phase current meter Easycount (one of the models) with 0.5 m cable, plug, plug-in connector (all connected)

ITEM NO. ITEM
K-Easycount-3-16-A current meter, CEE plug 16 A, verified
K-Easycount-3-32-A current meter, CEE plug 32 A, verified

www.pce-instruments.com/english