PV:1500 CLAMP

601A1200
CLAMP METER

DESIGNED & BUILT IN GREAT BRITAIN

KEEPING PEOPLE SAFE SINCE 1982

Key Features

- Handy, compact design that fits perfectly into any everyday working environment
- Shock and impact resistant thanks to robust construction
- Display with 4000 counts
- Rotary switch for measuring mode selection
- Safety per DIN VDE 041-1/EN 61010
- Measuring category CAT IV / 1000 V (CAT III / 1500 V)
- Resistance measurement
- Voltage measurement (AC and DC)
- Current measurement (AC and DC)
- Capacitance measurement
- Frequency measurement
- Diode and acoustic continuity testing
- True RMS value display (TRMS)
- Freezing of measured value (HOLD)
- Switch between minimum, maximum and normal value
- Automatic range selection



APPLICATION

The new PV:1500 Clamp is especially designed for PV installers and O&M technicians to be used in conjunction with the PV:1525 Series: It can be connected to the PV tester via Bluetooth® to wirelessly transmit current measurements which allow power measurements to be logged within the PV:1525.

An integrated LCD screen means the PV:1500 Clamp can be used fully standalone as well, becoming an integral part of any PV installers toolkit. It's 35 mm jaw opening makes it perfect for use across a wide range of applications not just in PV, e.g. in industry, trade, electromobility.

With protection category CAT IV / 1000 V (CAT III 1500V), the device corresponds to the highest safety category for AC and DC and it is produced in accordance with the latest safety regulations and ensures safe and reliable working.

SCOPE OF DELIVERY

Standard scope of delivery:

1 × Current clamp PV:1500 Clamp
2 × Measurement cables (1 × red, 1 × black)
2 × Batteries (1.5 V, AAA, IEC LR03)
1 × Operating instructions

INCLUDED FEATURES

PV:1500 Clamp is distinguished by the following features:

- Bluetooth® for connection to PV:1525
- Current measurement AC/DC up to 400 A
- µA measurement AC/DC
- Voltage measurement up to 1000 V_{AC} or 1500 V_{DC}
- Inrush current measurement
- Maximum safety thanks to CAT IV / 1000 V (CAT III 1500 V)
- TRMS measurement
- Resistance, capacitance and frequency measurement
- Continuity and diode testing
- Non-contact voltage measurement
- LPF function (low-pass filter)
- Flashlight
- Illuminated display
- Automatic shutdown
- Self-test function

Together, we're making our world a safer place.
Every. Single. Day.

T: +44 (0) 191 587 8741 E: sales@seaward.com

SEAWARD
GMC-INSTRUMENTS GROUP

See the **PV:1500 Clamp** for yourself, request your FREE live online demonstration today at **seaward.com/PV1500**

TECHNICAL DATA

Display	LCD; 7 segments, 4-digit display, backlight; Current, voltage, resistance, capacitance, frequency, continuity, diode, polarity (- for negative values), inrush current; NCV, LPF, Hold, Min/Max, Zero, Bluetooth®, automatic switch-off, battery check
LEDs	Flashlight, NCV
Voltage measurement	1 mV_{AC} … 1000 V_{AC} TRMS, 1 mV_{DC} … 1500 V_{DC}
Overload protection - high impedance	10 MΩ voltage measurement
Current measurement	Clamp: 0.2 A_{AC} … 400 A_{AC} TRMS, 0.01 A_{DC} … 400 A_{DC} Socket: 2 μA_{AC} … 400 μA_{AC} TRMS, 2 μA_{DC} … 400μA_{DC}
Resistance measurement	0 Ω … 40 MΩ
Capacitance measurement	10 nF … 100 µF
Continuity test	< 30 Ω acoustic signal Reversing point 0 Ω to 30 Ω (± 20 Ω)
Diode test	0 V … 1.0 V
Frequency measurement	1 Hz … 9,99 MHz
Clamp opening	35 mm, oval
Distance of measuring cables	25 mm
TRMS	Yes
NCV (non-contact voltage measurement)	Yes (AC only)
LPF (low-pass filter)	Yes, 1 kHz / –3 dB
Connectivity	For connection to PV:1525; Bluetooth® 5.0, 2.402 GHz … 2.48 GHz, +8 dBm maximum
Flashlight	Yes
Automatic shutdown	Yes
Self-test	Yes
Measuring category	CAT IV / 1000 V (CAT III / 1500 V)
Pollution degree	2
Power supply	Batteries, 2 × 1.5 V AAA, IEC LR03
Tested per	IEC 61010-1, IEC 61010-2-032
Dimensions	Approx. 220 × 80 × 42 mm
Weight	Approx. 268 g (without batteries)
Ambient conditions	Operation: 0 °C … +50 °C, max. 80% relative humidity Storage: –10 °C … +60 °C, max. 80% relative humidity (without batteries) Elevation: up to 2000 m

601A527
Rev. 2 (10/2025)

© Seaward Electronic Ltd
Subject to change, errors excepted · PDF version available on the Internet
All trademarks, registered trademarks, logos, product names and company names are the property of their respective owners.

Together, we're making our world a safer place.
Every. Single. Day.

T: +44 (0) 191 587 8741 E: sales@seaward.com

SEAWARD
GMC-INSTRUMENTS GROUP

See the **PV:1500 Clamp** for yourself, request your FREE live online demonstration today at **seaward.com/PV1500**