

Current Clamps (AC)



ACD-14 PLUS

Current clamp with dual display up to 600 A (AC)

Functions

- Current, voltage and resistance measurement
- Continuity test with beeper
- Capacitance and frequency measurement
- Temperature measurement
- Measurement of inrush current

Product information

- Automatic range selection
- Integrated measurement memory (data hold and MAX hold)
- Jaw opening: 26 mm
- Auto power-off

Product highlights

- Dual display
- A measurement range for direct measurement of ionisation currents in heating systems

Technical Data

| | |
|---------------------------|--|
| Display: | LCD, 3 $\frac{3}{4}$ -digit, 4000 digits |
| Measurement ranges | |
| Current AC: | 0.01 ... 600 A |
| Basic accuracy: | $\pm(1.9\% \text{ rdg.} + 8 \text{ digits})$ |
| Frequency range: | 50/60 Hz |
| Ionisation current AC/DC: | 0.1 ... 2000 μA |
| AC voltage: | 0.001 ... 600 V |
| Basic accuracy: | $\pm(1.5\% \text{ rdg.} + 5 \text{ digits})$ |
| Frequency range: | 50 ... 400 Hz |
| DC voltage: | 0.1 ... 600 V |
| Basic accuracy: | $\pm(0.5\% \text{ rdg.} + 3 \text{ digits})$ |
| Continuity: | $R < 120 \Omega$ |
| Resistance: | 0.1 ... 40.00 $\text{M}\Omega$ |
| Basic accuracy: | $\pm(0.8\% \text{ rdg.} + 6 \text{ digits})$ |
| Frequency measurement: | 0.001 Hz ... 100 kHz |
| Capacitance measurement: | 0.1 nF ... 3000 μF |
| Temperature: | -20°C ... 300°C |
| Basic accuracy: | $\pm(2\% \text{ rdg.} + 3^\circ\text{C})$ |
| Pollution degree: | 2 |
| Measurement category: | CAT III/600 V |
| Safety cert.: | EN 61010/IEC 61010 |
| Jaw opening: | 26 mm |
| Power supply: | 2 x 3 V battery, IEC CR2032 |
| Dimensions: | 190 x 63 x 32 mm |
| Weight: | approx. 200 g |

Scope of supply:

- 1 x ACD-14 PLUS
- 2 x test leads
- 2 x 3 V battery, CR 2032
- 1 x temperature probe
- 1 x carrying case
- 1 x user manual

Accessories:

- Carrying case **SV-U**
- Test lead set **TL245A**

Ordering Information:

| Description | Order No. |
|-------------|----------------|
| ACD-14 PLUS | 3086905 |
| SV-U | 2733511 |
| TL245A | 3034444 |