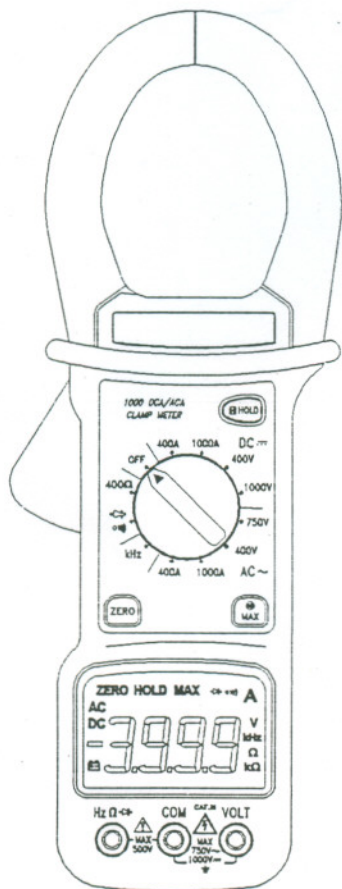



DC/AC 1000A DIGITAL CLAMP METER MODEL: 2605A



SPECIFICATIONS

- **Display:** 3 1/2 digit liquid crystal display (LCD) with a maximum reading of 3999.
- **Polarity:** Automatic, positive implied, negative polarity indication.
- **Overrange:** (OL) or (-OL) is displayed.
- **Zero:** Automatic.
- **Low battery indication:** The "  " is displayed when the battery voltage drops below the operating level.
- **Auto power off:** Approx. 50 minutes.
- **Measurement rate:** 2.5 times per second, nominal.
- **Operating environment:** 0°C to 50°C at < 70% relative humidity.
- **Storage temperature:** -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.
- **Accuracy:** Stated accuracy at 23°C ± 5°C, < 75% relative humidity.
- **Temperature Coefficient:** 0.1 × (specified accuracy) / 1°C (< 18°C or > 28°C)
- **Altitude:** 6561.7 Feet (2000M).
- **Power:** Single standard 9-volt battery, NEDA 1604, JIS 006P, IEC 6F22.
- **Battery life:** 100 hours typical with carbon-zinc.
- **Jaw opening capability:** 57mm conductor, 70 × 18mm bus bar.
- **Dimensions:** 277mm (H) × 102mm (W) × 49mm (D).
- **Weight:** Approx. 540g (including battery).
- **Accessories:** One set test leads, 9V battery (installed), Operating Instructions.
- **Safety:** Designed to meet IEC 1010-1 and IEC 1010-2-031, CATIII DC 1000V AC 750V class 2 and pollution deg.2 indoor use comply with CE.

DC VOLTS

Ranges: 400V, 1000V

Resolution: 0.1V

Accuracy: ± (0.5% rdg + 1 dgt)

Input impedance: 10MΩ

Overload protection: 1000VDC or 750V rms

AC VOLTS (50Hz - 500Hz)

Ranges: 400V, 750V

Resolution: 100mV

Accuracy: ± (1.5% rdg + 4 dgts)

Input impedance: 10MΩ

Overload protection: 1000 VDC or 750V rms

DC CURRENT

Ranges: 400A, 1000A

Accuracy: 100mA

± (1.5% rdg + 5 dgts) 0 ~ 600A

± (2.5% rdg + 5 dgts) 600A ~ 800A

± (3.5% rdg + 5 dgts) 800A ~ 1000A

Overload protection: 1200A for 60 seconds maximum

AC CURRENT (50Hz - 400Hz)

Ranges: 400A, 1000A

Accuracy: 100mA

± (1.5% rdg + 5 dgts) 0 ~ 600A / 50 ~ 60Hz

± (2% rdg + 5 dgts) 600A ~ 1000A / 50 ~ 60Hz

± (3% rdg + 5 dgts) 0 ~ 600A / 61 ~ 400Hz

± (3.5% rdg + 5 dgts) 600A ~ 1000A / 61 ~ 400Hz

Overload protection: 1200A for 60 seconds maximum

RESISTANCE

Ranges: 400Ω

Resolution: 100mΩ

Accuracy: ± (1.0% rdg + 4 dgts)

Open circuit volts: 3.0Vdc typical

Overload protection: 500VDC or AC rms

CONTINUITY

Audible indication: Less than 100Ω

Response time: 500ms

Overload protection: 500VDC or AC rms

DIODE TEST

Test current: 1.0mA (approximate)

Accuracy: ± (1.5% rdg + 3 dgts)

Open circuit volts: 3.0Vdc typical

Overload protection: 500VDC or AC rms

FREQUENCY (Autoranging)

Ranges: 4kHz, 40kHz, 400kHz, 4000kHz

Accuracy: ± (0.1% rdg + 4 dgts) at > 10Hz

Resolution: 1Hz

Minimum pulse width: > 2μsec

Duty cycle limits: > 30% and < 70%

Sensitivity: 0.5V RMS

Overload protection: 500VDC or AC rms

MAX HOLD: Operating on all ranges

DATA HOLD: Operating on all ranges

ZERO: Operating on DCA ranges