

KUSAM-MECO® 3½ DIGITS 2000 COUNTS DIGITAL CLAMP METER

An ISO 9001:2008 Company

6 Functions; 12 Ranges (Model - 2700)

7 Functions; 12 Ranges (Model - 2790)

FEATURES :

- High-accuracy, Digital reading
- Large LCD for easy reading
- Instant continuity buzzer
- Overload protection on all ranges
- Recessed safety designed input jacks.
- Data Hold switch freezes reading.
- Low battery indication
- Tough ABS plastic housing
- Diode check

GENERAL SPECIFICATIONS :

- * Sensing : Average sensing.
- * Jaw opening size : 32 mm
- * Display : 3½ digit 1999 counts LCD display with automatic sign & functions.
- * Over range indication : MSB (highest) digit OL (1) or (-1) is displayed.
- * Low battery : The symbol "BAT" is displayed when the battery voltage drop below the operating Voltage.
- * Measurement rate : 3 measurements per second nominal
- * Power supply : Single standard 9V battery.
- * Operating Temperature & Humidity : 0°C to 50°C; < 70% R.H.
- * Storage Temperature & Humidity : -20°C to 60°C; < 80% R.H. With battery removed.
- * Dimension : 19.2(L) x 8.2(W) x 3.3(H) cm
- * Weight : approx. 250gms. (Including battery)



ACCESSORIES :

Test leads (pair), Battery installed, User's manual, Carrying case & Drop proof wriststrap.

ELECTRICAL SPECIFICATIONS : 2700 / 2790

Accuracy are : ±(% of reading + number of digits)
at 23°C ± 5°C less than 75% R.H.

AC CURRENT (50~60 Hz)

| Range | Resolution | Accuracy (2700) | Accuracy (2790) |
|--------------|------------|-----------------|------------------|
| 20 A | 0.01 A | (3%rdg + 4dgt) | (1.5%rdg + 4dgt) |
| 200 A | 0.1 A | (2%rdg + 4dgt) | (1.5%rdg + 4dgt) |
| 300 A (2700) | 1 A | | _____ |
| 600 A (2790) | 1 A | _____ | (1.5%rdg + 4dgt) |

Accuracies specified for measurements taken at the centre of the clamps

AC VOLTAGE (50~500 Hz)

| Range | Resolution | Accuracy (2700) | Accuracy (2790) |
|-------|------------|------------------|-----------------|
| 200 V | 0.1 V | (1.2%rdg + 4dgt) | (3%rdg + 4dgt) |
| 750 V | 1 V | (1.5%rdg + 4dgt) | |

Input Impedance : 10 M

OL-protection : 1200V DC / 800V AC on all ranges.

DC VOLTAGE

| Range | Resolution | Accuracy (2700) | Accuracy (2790) |
|--------|------------|------------------|------------------|
| 2 V | 1m V | (0.5%rdg + 1dgt) | _____ |
| 200 V | 0.1 V | | (1.5%rdg + 1dgt) |
| 1000 V | 1 V | | _____ |

Input Impedance : 10 M

OL-protection : 500V DC / 350V AC on 200 mA range.
1200V DC / 800V AC on other range.

RESISTANCE

| Range | Resolution | Accuracy (2700) | Accuracy (2790) |
|-------|------------|-----------------|------------------|
| 200 | 0.1 | (1%rdg + 1dgt) | (1.5%rdg + 3dgt) |
| 200 K | 100 | | |

Test Voltage : 200 range 3.2V max.
200K range 0.3V max.

OL-protection : 500V DC / 350V AC on all ranges

FREQUENCY (Autoranging)(Model 2790)

| Range | Resolution | Accuracy |
|--------|------------|------------------|
| 2 kHz | 1 kHz | (0.5%rdg + 3dgt) |
| 20 kHz | 10 kHz | |

Sensitivity : 80V rms min.

OL-protection : 500V DC or AC rms (50Hz - 500Hz)

DIODE TEST

| | |
|--------------|-----------|
| Test Current | 1.0 0.6mA |
| Test Voltage | 3.2V max. |

OL-protection : 500V DC / 350V AC

CONTINUITY BEEPER

| | |
|---------------|---------|
| Threshold | < 100 |
| Response Time | < 100mS |

OL-protection : 500V DC / 350V AC

All Specifications are subject to change without prior notice

KUSAM-MECO®

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