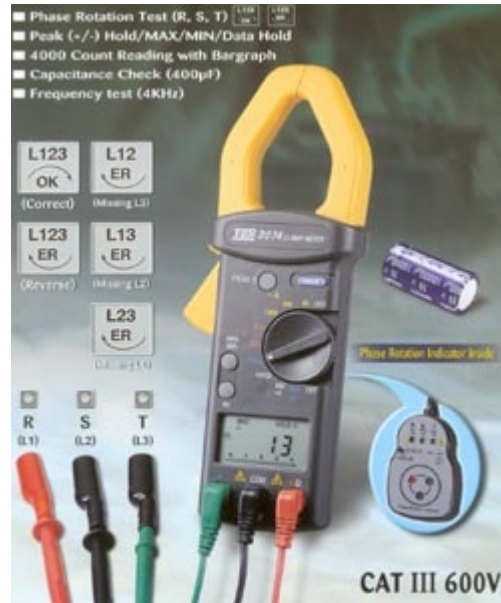


3074 AC 1000A Clamp Meter

FEATURES :

- Capacitance Measurement (400µF).
- MAX / MIN / Data Hold.
- Phase Rotation Indicator.
- Pos Peak Hold & Neg Peak Hold.
- 1000A AC & 600V AC.



ELECTRICAL SPECIFICATIONS :

A: General Measurement

AC Current

| Range | Resolution | Accuracy | Frequency Response | Overload Protection |
|-------|------------|-----------|--------------------|---------------------|
| 40A | 0.01A | ±(2% + 5) | 40 ~ 400Hz | 1100A |
| 400A | 0.1A | | | |
| 1000A | 1A | | | |

AC Voltage

| Range | Resolution | Accuracy | Input Impedance | Frequency Response | Overload Protection |
|-------|------------|-----------|-----------------|--------------------|---------------------|
| 400V | 0.1V | ±(1.2%+5) | 1MΩ | 40 ~ 400Hz | 600Vrms |
| 600V | 1V | ±(3%+5) | | | |

Phase

| Range | Frequency Response | Overload Protection |
|------------|--------------------|---------------------|
| 80V ~ 480V | 40Hz ~ 400Hz | 600Vrms |


Frequency

| Range | Resolution | Accuracy | Input Impedance | Overload Protection |
|-------|------------|-------------------|-----------------|---------------------|
| 4KHz | 1Hz | $\pm (0.1\% + 1)$ | 1M Ω | 600Vrms |

Resistance(Ω)

| Range | Resolution | Accuracy | Open Circuit Voltage | Overload Protection |
|--------------|-------------|----------------|------------------------------|---------------------|
| 40K Ω | 10 Ω | $\pm(1\% + 1)$ | \square 0.5V _{DC} | 600Vrms |

Audible continuity

| Range | Resolution | Open Circuit Voltage | Overload Protection |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------|---------------------|
|  | \square 40 Ω | \square 0.5V _{DC} | 600Vrms |

μ F


| Range | Resolution | Accuracy | Overload Protection |
|-------------|------------|--------------|---------------------|
| 400 μ F | 1 μ F | $\pm(3\%+5)$ | 600Vrms |

B: Peak Hold Measurement

AC Current

| Range | Resolution | Accuracy | Overload Protection |
|-------|------------|-------------------|---------------------|
| 40A | 0.01A | $\pm(2.5\% + 10)$ | 1100A |
| 400A | 0.1A | | |
| 1000A | 1A | | |

GENERAL SPECIFICATIONS :

| | |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Numerical Display | 3-3/4 digit liquid crystal display (LCD) maximum reading 3999 42 segment bargraph. |
| Range Selection | All ranges are selected by a single range switch. |
| Over Range Indication | LCD will show an "OL". |
| Low Battery Indication | LCD will show an "  ". |
| Sampling Rate | 2 times/sec (Digits) 10 times/sec (Analog). |
| Power Source | one 006p 9V or IEC 6F22 or NEDA 1604 Battery. |
| Battery Life | 200hr approx. |
| Polarity | Automatic polarity " - " display for negative input. |
| Operating & storage / Temperature and Humidity | 0 \square to 40 \square (32 \square to 104 \square) < 80 \square RH/-10 \square to 60 \square (14 \square to 140 \square) < 70% RH |
| Dimensions and Weight | 228(L) \times 76(W) \times 39(H) \square and Approx. 465g |
| Jaw Opening Diameter | Cables \varnothing 40mm |