

Specification for Digital Clamp on Multi meter (Multi meter with clamp attachment)

General: A portable hand held battery operated AC true RMS / DC digital multi meter with clamp on attachment / built in for higher current measurement.

Technical specification:

DC Voltage

Range: 0 to 1000 Volts in 5 different decade ranges.

Least Count: 0.05% of the range

Accuracy: $\pm 0.5\%$.

All ranges to be protected up to 1000 Volts

DC Current (Direct & through Clamp) (Clamp size $\geq 40\text{mm}$)

Direct input: 0 to 200mA in 4 ranges

Least Count: 0.05% of the range

Accuracy: $\pm 1.5\%$.

The above ranges to be protected with fuse.

With Clamp on: 0 to 2000Amps in at least 2 ranges

AC Voltage (True RMS) (40to 1000Hz)

Range: 0 to 1000 Volts in minimum 4 different decade ranges.

Least Count: 0.05% of the range

Accuracy: $\pm 1.5\%$.

The above ranges to be protected up to 1000 Volts

AC Current (Direct & through Clamp) (40to 1000Hz)

Direct input: 0 to 200mA in 4 ranges

Least Count: 0.05% of the range

Accuracy: $\pm 1.5\%$.

The above ranges to be protected with fuse.

With Clamp on: 0 to 2000Amps in at least 2 ranges

Resistance

Range: 0 to $20\text{M}\Omega$ in 6 ranges

Least Count: 0.05% of the range

Accuracy: $\pm 1.0\%$.

The above ranges to be protected up to 400 Volts AC RMS

Capacitance

Range: 0 to $20\mu\text{F}$ in 4 ranges

Least Count: 0.05% of the range

Accuracy: $\pm 5.0\%$.

The above ranges to be protected up to 400 Volts AC RMS

Frequency

Range: 0 to 100 KHz in 5 ranges

Least Count: 0.05% of the range

Accuracy: $\pm 1.0\%$.

The above ranges to be protected up to 750 Volts AC RMS

Continuity check with buzzer for low ohms**Diode Test**

Power: Standard available battery with auto power off.

Accessory:

One set of test leads

Carrying Case

Instruction Manual

One set of battery for initial operation.

Test / calibration certificate issued by factory.

PLEASE NOTE:

1. The instrument offered can be better than the above specifications
2. Should have service facility in India with trained engineers to take care of the equipment supplied and to reduce the down time.
3. The product catalogue should contain only the product offered in depth highlighting the model offered.
4. Two sets of original product catalogue to be enclosed with the offer.
5. Vendor should submit the offer with detailed specification of the product offered. The offers given as “**as per your specifications**” will be rejected.