

### 3. Specifications

#### Range of measurement:

DCV	0~1.3, 1.2, 3, 12, 20, 120, 200, 1200V
DCmA	0~60 $\mu$ A, 1.2mA, 30mA, 300mA
ACV	0~3, 12, 30, 120, 300, 1200V
OHM	0~2K $\Omega$ (central graduation 10 $\Omega$ ) R $\times$ 1, R $\times$ 10, R $\times$ 100, R $\times$ 1K, R $\times$ 10K

#### Standards:

DC voltmeter:	Internal resistance 20K $\Omega$ /V Tolerance: Within $\pm 2\%$ of maximum scale value
DC ammeter:	Internal voltage drop 300mV Tolerance: Within $\pm 2\%$ of maximum scale value
AC voltmeter:	Internal resistance 10K $\Omega$ /V Tolerance: Within $\pm 3\%$ of maximum scale value
Ohmmeter:	Batteries used: UM — 2 $\times$ 1, 006P $\times$ 1 Tolerance: Within $\pm 2\%$ of scale length

#### Auxiliary circuit etc:

OUTPUT terminal	0.5 $\mu$ F, 400WV condenser
Plus minus polarity switch	works on DC voltmeter and DC ammeter only
OFF range	Circuit OFF — meter terminal short circuit
Circuit protection	1. Circuit protection with CUTOFF relay Battery used: 006P $\times$ 1 for working relay Battery used: UM — 2 $\times$ 1 for operation indicating lamp 2. Circuit protection with a fuse (3A) 3. Circuit for protection against overvoltage of meter by means of a silicon diode

#### Size and weight:

150mm (wide)  $\times$  197mm (high)  $\times$  80mm (deep)  
1.3 kgs.