



3 ½ digit in model 34A-DC ₹ 450/-
 3 ½ digit in model 34A-AC ₹ 475/-
 4 digit Line Frequency Meter ₹ 575/-

FOR MEASUREMENTS OF:

- DC milli-Volts/ DC Volts
- DC micro-amps / milli-amps /amps /kilo amps.
- AC milli-Volts /Volts /Line (mains) voltages /Voltages of H.T. transformers.
- AC micro-amps /milli-amps /amps /Kilo amps.
- Process parameters measurements using transducers of 4 to 20 mA DC, or 0 to10 VDC outputs.

MECHANICAL DATA:

Panel cutout size of 46 mm (H) x 92 mm(W) with cabinet size of 48 mm (H) x96mm (W) x 110mm(D). (Choice of panel cutout of 92mm(H)x 92mm(W) with cabinet size of 96mm(H)x 96mm (W)x 80 mm(D)available optional, at no extra charge. Panel mounting hardware is supplied with the panel meters.

WEIGHT: 0.4kgs for 48mmx96mmx110mm 0.6kgs for 96mmx96mmx80mm

DISPLAY: 3½ digit in model 34A_ except 4 digit in Line Frequency Meter. 7 segment, LED type of 13 mm height. Decimal point, negative polarity and over-range indications are provided.

RESOLUTION: 1in ± 1999 except, 1 in 9999 in 34A81 (High resolutions of digital meters make them up to 100 time more accurate than analog meter.)

NMRR: 40 db for DC measurements or AC measurements at 50 Hz.

SAMPLING RATE: 2.5 sample /second

POWER REQUIREMENTS: 230± 10% volts AC, 50/60 Hertz, 4VA

DC mV /DC V MEASUREMENTS

Range	3 ½ Digit Panel Meters			
	Model No.	Resolution	Accuracy	Input Impedance
0 to±200mVDC	34A4	0.1m V	± 0.1%± 2l east counts	1000MΩ
0 to ±2V DC	34A5	0.001 V		
0 to ±20V DC	34A6	0.01 V	±0.2%±2 least counts	10MΩ
0 to±200V DC	34A7	0.1 V		
0 to±1000V DC	34A8	1 V		

AC MICRO-AMP / MILLI-AMP/AMP/KILO-AMP MEASUREMENTS

Range	3 ½ Digit Panel Meters			
	Model No.	Resolution	Accuracy	Input Impedance
0 to 200 µA AC	34A54	0.1 µ A	±0.5% ±2 least counts	1KΩ
0 to 2mA AC	34A55	0.001 mA		100Ω
0 to 20mA AC	34A56	0.01 mA		10Ω
0 to 200mA AC	34A57	0.1 mA		1Ω
0 to 2A AC	34A58	0.001 A		0.1Ω
0 to 10A AC*	34A59	0.01A		0.01Ω
External CT operated for high AC currents	34A62	As per shunt used		0.04Ω

AC mV /AC V MEASUREMENTS

Range	3 ½ Digit Panel Meters			
	Model No.	Resolution	Accuracy	Input Impedance
0 to200mV AC	34A14	0.1m V	±0.5% ±2least counts	10KΩ
0 to 2 V AC	34A15	0.001 V		100KΩ
0 to 20 V AC	34A16	0.01 V		1MΩ
0 to 200V AC	34A17	0.1 V		10 MΩ
0 to 1000V AC	34A18	1 V		10 MΩ

PROCESS PARAMETER MEASUREMENTS

(USING TRANSDUCERS OF 4 TO 20 mA DC OUTPUT)

Range	Model No.	Resolution	Accuracy	Input Impedance
4 to 20mA DC (4 mA displays 0, 20mA displays value parameter	34A36A	1 in 2000	± 0.5% ± 2 least counts	Less than 10Ω

DC MICRO-AMP / MILLI-AMP/AMP/KILO-AMP MEASUREMENTS

Range	3 ½ Digit Panel Meters			
	Model No.	Resolution	Accuracy	Input Impedance
0 to±200 µA DC	34A34	0.1 µ A	±0.5% ±2 least counts	1KΩ
0 to ±2mA DC	34A35	0.001 mA		100Ω
0 to±20mA DC	34A36	0.01 mA		10Ω
0 to±200mA DC	34A37	0.1 mA		1Ω
0 to ±2A DC	34A38	0.001 A		0.1Ω
0 to ±10A DC*	34A39	0.01A		0.01Ω
External shunt operated for high DC currents	34A42	As per shunt used		Shunt resistance

MAINS (LINE) FREQUENCY MEASUREMENTS (4 DIGIT)

Range of measurement	Model No.	Resolution least count	Accuracy
30.00 to 70.00 Hz	34A81	0.01 Hz	± 0.01% ± 0.01 Hz

*0 to 20A for Portable and panel mounting meter of cabinet size 96mm x 96mm x 75mm

Manufactured / Marketed by
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