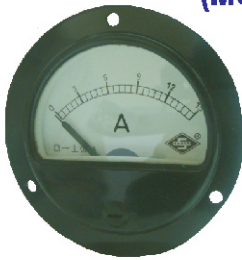


PANEL METERS

(MOVING COIL TYPE FOR DC V AND I MEASUREMENTS)
(MOVING IRON TYPE FOR AC V AND I MEASUREMENTS)



SO65/MO65/SO85/MO85



SR65/MR65/SR85/MR85



SR96/MR96

FOR AC V AND I MEASUREMENTS (MOVING IRON TYPE):

Choice of any 1 of ranges of 10mA, 25mA, 30mA, 50mA, 100mA, 250mA, 300mA, 500mA, 1A, 2A, 5A, 10A, 15A, 20A, 25A, 30A, CT operated for higher currents*, 10V, 20V, 30V, 50V, 60V, 75V, 100V, 150V, 300V, 500V and 600 AC.
Fluid damping to ensure dead beat movement. 5V A burden. 45 to 55 Hertz.

FOR DC V AND I AND TEMPERATURE MEASUREMENTS AND GALVANOMETERS (MOVING COIL TYPE):

Choice of any 1 of ranges of 1mA, 2mA, 5mA, 10mA, 25mA, 30mA, 50mA, 100mA, 250mA, 300mA, 500mA, 1A, 2A, 5A, 10A, 15A, 20A, 25A, 30A, shunt operated for higher currents*, 50mV, 60mV, 75mV, 100mV, 250mV, 500mV, 1V, 2V, 5V, 10V, 15V, 20V, 25V, 30V, 50V, 75V, 100V, 150V, 300V, 500V, 600V, galvanometers of 30-0-30G and 50-0-50G (sensitivity of 500-0-500u A), 200°C (type J-Fe/con), 400°C (type J-Fe/con), 600°C (type J-Fe/con), 800°C (type K-Cr/Al), 1000°C (type K-Cr/Al), 1200°C (type K-Cr/Al) and 1600°C (type S-pt/pt-Rh 10%),

Meter sensitivity 1000 ohms per volt for voltmeters. 75 mV drop for ammeters. Alnico high flux density magnets.

* For details of CT's and SHUNTS, refer to Page No. 26.

SHAPE	ROUND		RECTANGULAR		SQUARE
Model No. for AC meters	SO 65	SO 85	SR 65	SR 85	SR 96
Model No. for DC meters	MO 65	MO 85	MR 65	MR 85	MR 96
Overall size	83mm dia	108mm dia	85mm (W) x 70mm (H)	110mm (W) x 86mm (H)	96mm (W) x 96mm (H)
Panel cutout size	66mm dia	86mm dia	66mm dia	66mm dia	92mm (W) x 92mm (H)
Mounting Details	3 holes of 4mm ϕ on 75 pcd.	3 holes of 5mm ϕ at 96.5 pcd	4 holes of 3mm ϕ at 63.5mm x 49.5mm	4 holes of 3mm ϕ at 97mm x 73mm	Rear mounting bracket is provided.
Inside depth	30mm	57.5mm	39mm	22mm	72mm
Scale length	48.5mm	67mm	59mm	72mm	98mm
Case material	Bakelite	Bakelite	ABS	Bakelite	ABS
Accuracy	$\pm 2.5\%$	$\pm 2.5\%$	$\pm 2.5\%$	$\pm 1.5\%$	$\pm 1.5\%$
Price for AC meters (₹)	220/-	250/-	250/-	300/-	250/-
Price for DC meters (₹)	300/-	350/-	350/-	400/-	370/-
Price for frequency meter(₹)	—	—	—	—	500/-

Insulation Resistance: More than 20 mega ohms between terminals and casing at 500 V DC.

High Voltage Breakdown: Capable of withstanding 2.5 KV r.m.s. for one minute between terminal and casing.

Damping Time: Less than 4 seconds for pointer to come to within 1.5% of its steady state value when signal of 2/3 rd of full scale value is applied.

●Sturdy movement with zero adjustment from front. ●Spade or knife edge pointer with linear scale for moving coil type and non linear scale for moving iron type. ●Flush mounting.

Manufactured / Marketed by
AGRAWAL ELECTRONICS
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We reserve our right to revise the above data without prior intimation. The rates above are for supplies within India.
VAT extra at 12.5% (2% against C form for outside Maharashtra customers). Freight at actuals extra. The rates are valid until 30.06.2012