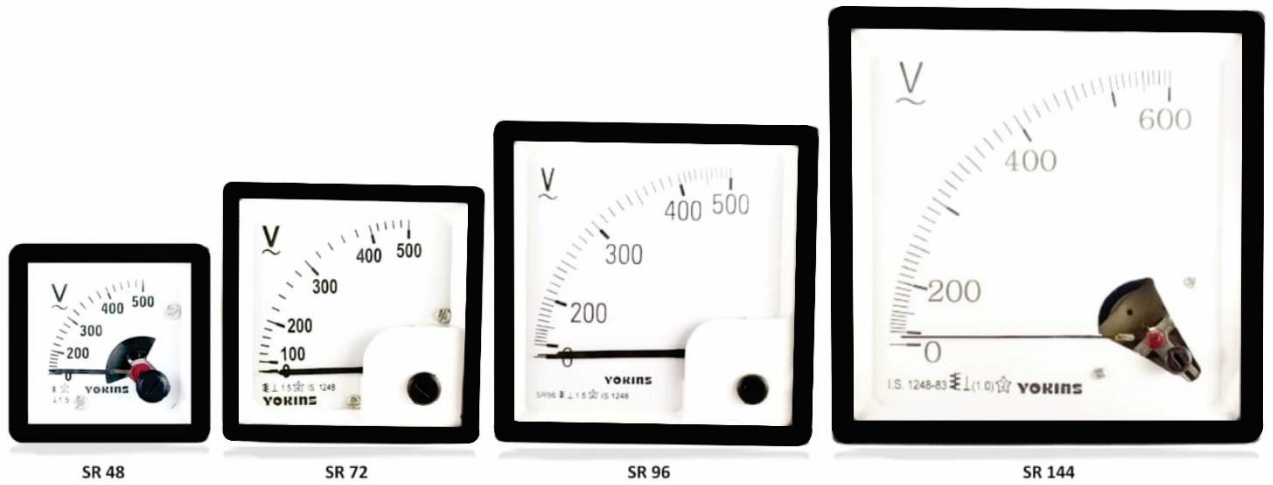


Moving Iron



(Same as our existing website)

<http://www.yokins.com/moving-iron-instruments.html>

Moving Iron Instruments are generally used for measuring AC Voltages and Currents. These are repulsion type moving iron system having high torque to weight ratio. Instruments are highly damped with best jewel bearings, incorporated with hardened and precisely polished pivots and chemically treated hair springs for corrosion protection. An efficient system of fluid damping is employed. The movement is efficiently shielded against the effect of external magnetic fields. Moving Iron Meter of 90 degree Deflection with Fixed/Interchangeable Scale Facility.

Movement Type : Moving Iron type with Jewel Bearing Suspension.

Range : Current (A) : 0 - 1A to 0 - 100A (Direct), Through CT/1A or /5A for Higher Currents and suppressed scale meters with ratio of maximum 1:6.

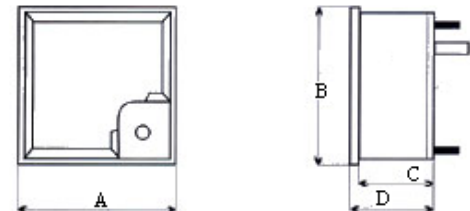
Voltage (V) : 0 - 10V to 0 - 750V (Direct), Through PT for Higher Voltages.

Standards : IS-1248.

Accuracy : $\pm 1.5\%$ of Full Scale for all except SR48, ACF65 and SO65. $\pm 2.5\%$ of Full Scale for SR48.

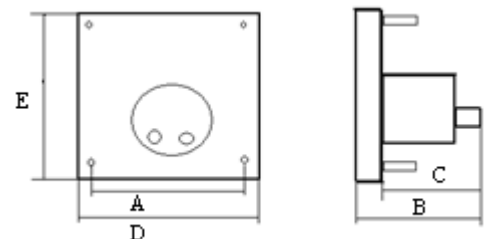
STANDARD FLUSH TYPE SQUARE MODELS

TYPE	PANEL CUTOUT	FRONT (AXB) (sq.mm)	C	D	SCALE LENGTH	ACCURACY
SR-144	136 X 136	144 X 144	44	52	155	1.00%
SR-96	92 X 92	96 X 96	44	52	92	1.50%
SR-72	68 X 68	72 X 72	44	50	62	1.50%
SR-48	46 X 46	52 x 52	37	42	40	2.50%



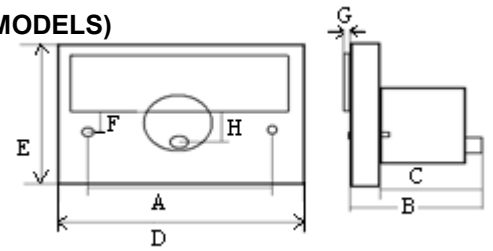
CROWN SERIES (FLUSH MOUNTING, ROUND PANEL CUT MODELS)

Type	Panel Cut Dia in mm	A	B	C	D	E	Scale Length
ACF 65	55	46	46	35	65	65	60
ACF 80	64	63	54	40	80	80	72



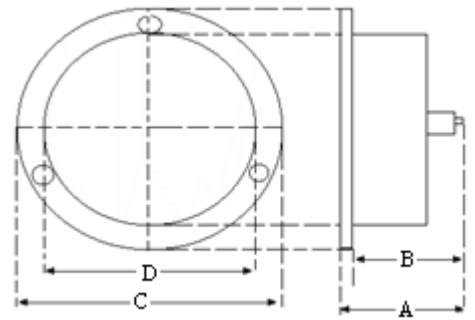
PHOENIX SERIES (REAR MOUNTING, RECTANGULAR PANEL CUT MODELS)

Type	Panel Cut	A	B	C	D	E	F	G	H	Scale Length
AC 65(R)	63 x 36	48	45	33	69	69	21	3.5	18	60
AC 90(R)	97.5 x 49	70	60	47	104	84	8	5	17	90

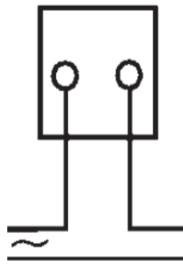


ROUND FLUSH MOUNTING MODELS

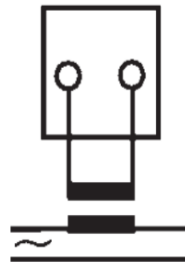
	A	B	C	D	Panel Cut	Scale length
MO65/SO65	45	39	82	65	65	50



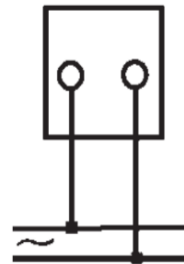
Wiring Diagram



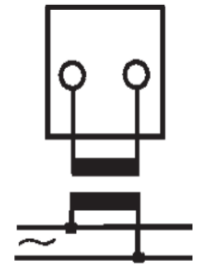
Ammeter with direct connection



Ammeter with CT



Voltmeter with direct connection



Voltmeter with PT