



ISO 9001

# VISHAWKARMA SCIENTIFIC WORKS

AN ISO 9001 : 2015 Certified Company

761, Dina Mandi, Ambala Cantt

website: [www.viskawmeters.co.in](http://www.viskawmeters.co.in)contact: +91 9953241920, 8882030155 Email- [viskawmeters@gmail.com](mailto:viskawmeters@gmail.com)

## PORTABLE MULTI-RANGE & MULTI-PARAMETER



### DESCRIPTION:

Portable Moving Coil DC, Moving Coil Rectifier type AC, Moving Iron AC ammeters & voltmeters and can be used in conjunction with transducers for measurement of frequency, power factor and low power factor wattage. Single phase dynamometric instrument is used for measurement of power at Unity Power Factor (UPF).

### FEATURES:

- Instruments with accuracy class 1.0, 1.5.
- Instruments with multiple scale (refer table).
- Robust housing suitable for schools, workshops, field operations, for continuous use.

### ORDERING INFORMATION:

Ammeter / Voltmeter :

1) Type 2) Model 3) Range 4) Scale 5) Accuracy

Frequency Meter :

1) Type 2) Model 3) Range 4) Scale 5) Accuracy

Watt / PF Meter :

1) Type 2) Model, Parameter, Phase & Range 3) Operating Voltage & PTR 4) Operating Current & CTR.



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## ELECTRICAL SPECIFICATIONS :

MODEL	TYPE	SCALE	RANGE	ACCURACY
 PORT - MSMB - 2	MOVING COIL DC VOLT-AMMETER	Quadruple	0-0.075/15/150/600V & 0-1.5/15/75/150A (with 75mV shunt)	1.50%
 PORT - MSMB - 3	MOVING COIL DC & AC VOLTMETER	Quadruple	0-1.5 / 15 / 150 / 600V DC - 0-6 / 60 / 300 / 600V AC	1.50%
	FREQUENCY METER	Single Tripple	45-55Hz or 55-65Hz or 380-420Hz at Voltages- 62.5V/110V/220V/440V 110/220/440 V	1.00%
PORT SPW-LPFR	LPF (0.2PF)WATT METER 1 Phase	Single/Dual	62.5V/125V to 300V/600V & 50mA/100mA to 5A/10A	0.50%

MODEL	TYPE	SCALE	* POTENTIAL COIL (V)	CURRENT COIL (A)	ACCURACY
 PORT - MSMB - 4	# WATT METER 1Ph UPF	SPSC	75, 150, 300, 600	0.5 , 1, 2, 2.5, 5, 10, 15, 20	1.00%
		DPSC	75/150, 150/300, 300/600.		
		TPSC	75/150/300, 150/300/600.		
		SPDC	75, 150, 300, 600	0.5/1,1/2,2.5/5,5/10, 10/20,15/30.	
		DPDC	75/150, 150/300, 300/600.		
		TPDC	75/150/300, 150/300/600.		