



Order Code 20011 to 20019



Order Code 20021 to 20025

Portable Type instruments are Electro-dynamometer type instruments. They can be used in Single Phase, Three Phase Three wire and Three Phase Four wire systems, and are designed to be used in horizontal positions.

Electro-dynamometer Type Meters

- Rated Accuracy** :
- : $\pm 1.0\%$ of full scale value as per ISS 1248/84 between 10% to 100% of the scale for Single phase UPF Wattmeters
 - : $\pm 1.5\%$ of full scale value as per ISS 1248/84 for Three Phase Wattmeters
 - : $\pm 1.5\%$ of full scale value as per ISS 1248/84 for 0.2 P.F. (LPF) Single Phase Wattmeter
 - : $\pm 3^\circ$ (Electrical) as per ISS 1248 for Power Factor Meters
- Note** :
- : All Wattmeters are calibrated at $\cos \phi = 1$ and Varmeters at $\sin \phi = 1$
 - : All Low Power Factor Watt meters are calibrated at $\cos \phi = 0.2$ lag
 - : Other voltage and current ranges can be supplied on request, subject to technical feasibility

Portable Electro-dynamometer Watt/VAR/ Power Factor Meters

Order Code	Load	Current Coil	Potential Coil
Wattmeters		Choose One	Choose One
20011	Single Phase	0.5, 1, 2, 2.5, 5, 10A	150, 200, 250, 300, 500, 600V
20012	Single Phase	0.5, 1, 2, 2.5, 5, 10A	75/150V, 150/300V, 250/500V, 300/600V
20013	Single Phase	0.5, 1, 2, 2.5, 5, 10A	75/150V/300V, 125/250/500V, 150/300/600V
20014	Single Phase	1/2A, 2.5/5A, 5/10A 10/20A, 15/30A	150, 250, 300, 500, 600V
20015	Single Phase		50/100V, 75/150V, 125/250V 150/300V, 250/500V, 300/600V
20016	Single Phase	1/2A, 2.5/5A, 5/10A	75/150V/300V, 125/250/500V, 150/300/600V
20017	Single Phase	10/20A, 15/30A	75/150V/300V, 125/250/500V, 150/300/600V
20018	Low Power Factor Wattmeter Single Phase	0.5/1A, 1/2A, 2.5/5A 5/10A, 10/20A, 15/30A	62.5/125/250V, 75/150/300V, 125/250/500V 150/300/600V
20019	3 Phase 3 Wire Balanced & Unbalanced Load	0.5/1A, 1/2A, 2.5/5A 5/10A, 10/20A, 15/30A	62.5/125V, 110/440V, 125/250V, 250/500V, 300/600V
Varmeters			
20020	3 Phase 3 Wire Balanced & Unbalanced Load	0.5/1A, 1/2A, 2.5/5A 5/10A, 10/20A, 15/30A	62.5/125V, 110/440V, 125/250V, 250/500V, 300/600V
Power Factor Meters			
20021	Single Phase	0.5/1A, 1/2A, 2.5/5A, 5/10A, 10/20A	62.5/125/250V, 75/150/300V, 125/250/500V 150/300/600V
20022	3 Phase Balanced Load	1A or 5A	110V or 440V
20023	3Phase 3 Wire Balanced Load	0.5/1A, 1/2A, 2.5/5A 5/10A, 10/20A	62.5/125V, 110/440V
20024			125/250V
20025			250/500V, 300/600V

Note: Specifications are subject to change.

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