

Bierer Meters High Voltage Phase Meters

Analog Phasing Voltmeters

- For Overhead and URD applications
- Phase Capacitive Test Points
- Shielded to minimize stray field indications
- Impact and water resistant


83280

Bierer analog voltmeters are used for voltage sensing and phasing on overhead and underground systems to 35kV. They are also suitable for voltage sensing and phasing at capacitive test points. A 5-position switch selects the function. The meter probe can also be used as stand-alone voltage detector without the second probe. Both probes are shielded, water resistant and impact resistant. Probes, cables and adapters fit conveniently in the padded carrying case. Each unit includes a separate 3kV power supply to verify meter operation.

ORDERING INFORMATION

BR/81280	300V – 25kV Analog Phasing Voltmeter/Detector, 8 ft. regular cable, 8 ft. extension cable, hook probe, straight probe, 3kV power supply, manual, carrying case
BR/83280	300V– 35kV Analog Phasing Voltmeter/Detector, 8 ft. regular cable, 8 ft. extension cable, hook probe, straight probe, 3kV power supply, manual, carrying case

Digital Phasing Voltmeters

- Use on primary or secondary voltages or capacitive test points
- Large (3/4") LCD digital meter with backlight
- Shielded housing and interconnect cables
- Impact and water resistant probes


PD50

These conventional type phasing voltmeters are rated for overhead and URD systems to 50kV phase to phase. Measure DC or AC voltage to 400Hz with accuracy to 1%. Check primary or secondary voltages or capacitive test points. The **PD25** has 2, 20 & 25kV ranges. The **PD50** has 2, 20 & 50kV ranges. The **PD25A** & **PD50A** do not include the extension cable, 3kV power supply or hard case. The **RMV25** has a 30 ft cable and 2 universal adapters.

ORDERING INFORMATION

BR/PD25	0 – 25kV All-purpose Utility Meter, 8 ft. regular cable, 8 ft. extension cable, hook probe, straight probe, 3kV power supply, manual, carrying case
BR/PD25A	0 – 25kV All-purpose Utility Meter, 8 ft. regular cable, hook probe, straight probe, manual, standard bag
BR/RMV25	0 – 25kV All-purpose Utility Meter, 30 ft. regular cable, magnetic base, hook probe, straight probe, pair of metal universals, carrying case
BR/PD50	0 – 50kV All-purpose Utility Meter, 8 ft. regular cable, 8 ft. extension cable, hook probe, straight probe, 3kV power supply, manual, carrying case
BR/PD50A	0 – 50kV All-purpose Utility Meter, 8 ft. regular cable, hook probe, straight probe, manual, standard bag

Wireless Digital Phasing Testers

- Large easy-to-read digital display with backlight
- High intensity color coded LED phase indicators
- Requires no interconnecting cable
- Operating range of 100ft
- Direct contact phasing from 120V - 69kV
- Non-contact phasing from 69kV - 800kV
- Shows phase angle relationship in degrees
- Direct contact voltage from 4kV - 69kV
- Automatically alerts for Delta/Wye transformation


PD800W

The **PD800W** Cordless Phasing Tester accurately and easily operates in multiple applications including phasing, voltage detection, phase sequencing and phase angle indication. One kit rapidly tests three-phase secondary systems, capacitive test points, URD systems as well as overhead and transmission/substation systems. This unique tester operates like a conventional phasing tester, but does not require an interconnecting cable or extension resistors. Each probe is water resistant, designed to withstand wear and is completely shielded to minimize stray field interference. Both the Reference Probe and the Meter Probe have a five-position selector switch that controls different operating modes.

ORDERING INFORMATION

BR/PD800W	120 volt – 800,000 volt Cordless Phasing Tester, hook probe, straight probe, universal/grip-all adapter, manual, case
BR/PD8H2W	120 volt – 800,000 volt Cordless Phasing Tester, 2ft. transmission hook, hook probe, straight probe, universal/grip-all adapter, manual, 26" case

OPTIONS

Add suffix to the Voltmeter or Tester part number:

U	Pair of Universal metal or grip-all adapters (specify which)
S	Pair of 15-25kV Bushing Adapters
E	Pair of 15-25kV Elbow Adapters
V	Pair of Low Voltage Adapters
H2	Two pair of regular 2 ft. handles
H6	Two pair of 2 ft. extension handles and one pair of 2 ft. regular handles
D	DC hi-pot adapter (for voltmeters only)