

Weschler Analog Edgewise and Panel Meters

Type 252 edgewise instruments were designed specifically for the nuclear power industry. Their ruggedness and reliability make them an excellent choice for any control panel. These instruments incorporate the same taut-band suspension system that is used in the Weschler switchboard meters.

They are available for direct measurement of standard electrical quantities, or in combination with transducers for measuring any other electrical or mechanical quantity that can be converted into a proportional electrical quantity.

SPECIFICATIONS

The V252 & H252 Meters exceed the requirements for the 2% class specified in ANSI C39.1, and may be calibrated to 1% initial accuracy. They meet the flammability requirements of IEEE Standard 420-1973 and they have passed the seismic qualification tests under IEEE Standard 344-1987.

Accuracy	1 1/2% of full scale deflection, 1% on special order.
Waveform Compensation	to 15% of third harmonic content.
Instantaneous Overload	35x AC rating, 100x DC rating
Voltage to Ground	1200V dc or peak ac, 800 volts ac rms
Shielding	Magnetically shielded
Net Weight	1 1/2 pound
Input	self-contained
DC	50µA to 50A 50mV to 750V
AC	10mA to 20A 5V to 600V

Transducer-type frequency meters, varmeter, wattmeters and power factor meters are available.

MECHANISM

The DC instrument is of the permanent magnet moving-coil type in a core magnet construction. For ac measurement the same mechanism is used, but rectifiers and an rms network are added. This design is practically immune to the effects of magnetic fields from adjacent conductors regardless of their orientation.

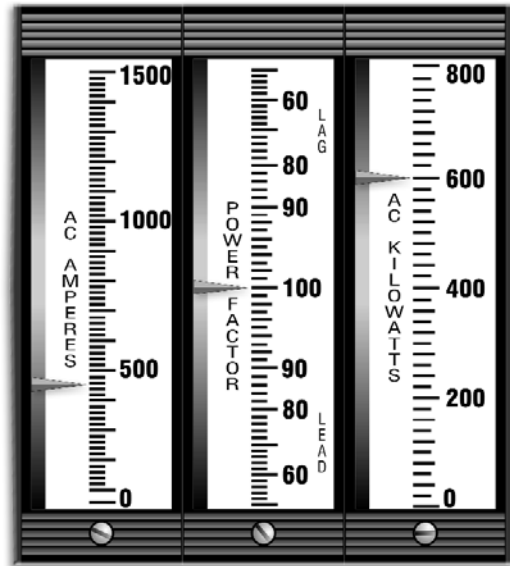
CONSTRUCTION

All components are mounted on a plastic drawer which slides into a plastic case with a clear, curved window. The entire assembly is treated to be static free. The plastic is polycarbonate (ASTM D635) for impact strength and flame retardance. Pointer edge and dial markings are on the same arc so that there is no parallax error. Instruments may be stacked horizontally or vertically.

See more information online at weschler.com/analog

MODIFICATIONS AVAILABLE

- Internal illumination
- Non-glare window
- Dual scale or rating
- Straight fine tubular pointer
- Offset, center, or suppressed zero
- Gasketed construction



▲ 252 Edgewise ▼

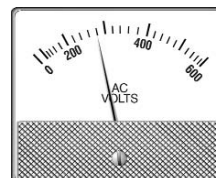


ALSO AVAILABLE:

351/371 panel ▼



Airpax panel ▼



▲ 20/20 panel



▲ 221/251