

Voltmeter 3815.60

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AC 3815.60



The voltmeter 3815.60 is a sturdy instrument for both AC and DC which is specifically designed for use by students. The instrument is provided with a DC/AC switch and three voltage ranges.

To measure the voltage between two points in a circuit, simply connect the voltmeter to these.

Select DC or AC with the switch and connect the red 30 V socket and the black 0 V socket to the circuit. For direct current, the black socket is connected to the point with the lowest voltage.

Switch eventually to a more sensitive range by moving the lead from the 30 V socket to the 15 V or eventually the 3 V socket.

The markings correspond to the full scale of the dial. For example, a reading of "20" in the 3 V range indicates a voltage of 2.0 V.

Alternating voltages are RMS values.

Frederiksen's student instruments

3815.60 Voltmeter, 3815.70 Ammeter and 3815.80 Galvanometer are a series of basic, rugged analog instruments for student use.

These instruments are built for low voltage use and must not be connected to voltages exceeding 30 V.

Specifications

Ranges (DC & AC):	3 V; 15 V; 30 V
Precision:	$\pm 2\%$ of full scale
Sensitivity:	10 k Ω /V
Dimensions:	158 x 108 x 58 mm
Scale length:	72 mm

The instrument is electronically protected against overload