

# VU Meters, Decibel (dB) Meters, RF Thermoammeters, AC Motor Load Meters

## VU METERS

Triplett VU Meters are for the measurement of sound or noise levels – including broadcast monitoring, use with public address or communication systems, and in all instances where volume level measurements are to be made. Ballistic Characteristics comply with specifications established as a result of C16.5. This instrument is essentially a low range rectifier type voltmeter (using a full-wave silicon diode rectifier) consisting of a D'Arsonval element with Alnico V magnet. The rectifier is a type developed for performance under wide variations of frequency. Internal impedance of the instrument is 3900 Ohms. A 3600 Ohm external resistor is required to give total resistance of 7500 Ohms. Required voltage to drive meter to 0 VU is 1.228V RMS, which is +4dBm, referenced to 600 Ohm impedance.

### VU METERS

* Scale	150	250E	350E	150-G	250-G
A SCALE	52-3007	52-9344	52-9345	152-1213	52-3165

* Scale	350-G	350-GL	350-R	351-T	357-T
A SCALE	52-3016	152-2417	52-9341	152-1669	152-1757
B SCALE	152-1112	152-2352	52-9342	152-1671	152-1759

* Scale	450-G	450-GL	450-R	450	
A SCALE	52-3015	152-2382	52-9339	152-1854	-----
B SCALE	152-1111	52-6635	52-9340	152-1856	-----

## DECIBEL (dB) METERS

Power Level Indicators are indispensable for measurements of sound or noise levels in radio broadcasting stations, theaters, telephone communication and public address systems. They consist of a sensitive DC instrument coupled to a silicon diode rectifier.

Standard range reads up 6 down 10 decibels. Zero decibel = 1.73 volts. Calibrated for use on 500-Ohm line. Reference level 6 milliwatts. Internal resistance 5000 Ohms. May also be supplied with 2500 Ohms resistance to special order (extra charge). Must be clearly specified on order. Standard damping furnished, unless special high or low damping is requested on the order (extra charge).

### DECIBEL (dB) METERS

Range	350-G	350-GL	350-GL/B	351-T	357-T
dB	152-1110	152-2411	152-2365	152-1667	152-1755

Range	450	450-G	450-GL	450-GL/B	
dB	152-1852	152-1284	52-6634	152-2391	-----

Illumination available on certain VU and dB models. Please Contact Factory.

## RF THERMOAMMETERS

### 2 1/2" RF Thermoammeters

Range	Ω Res	240-G	241-T	247-T
0 - 1	.35	52-3435	152-1489	152-1557
0 - 1.5	.21	52-3531	152-1490	152-1558
0 - 5	.06	52-3169	152-1492	152-1560
0 - 10	.03	52-3422	152-1493	152-1561

### 3 1/2" RF Thermoammeters

Range	Ω Res	340-G	340-GL	341-T	347-T
0 - 1	.35	152-0351	152-2295	152-1662	152-1750
0 - 1.5	.21	152-0352	152-2296	152-1663	152-1751
0 - 5	.06	152-0354	152-2298	152-1665	152-1753
0 - 10	.03	152-0355	152-2299	152-1666	152-1754

### 4 1/2" RF Thermoammeters

Range	Ω Res	440-G	440-GL	440
0 - 1	.35	52-3436	152-2334	152-1838
0 - 1.5	.21	52-3195	152-2335	152-1839
0 - 5	.06	52-3423	152-2336	152-1841
0 - 10	.03	52-3340	152-2337	152-1842

## AC MOTOR LOAD METERS

These motor load indicators are 5 Amp AC iron-vane meters. 5 Amps AC is required to deflect the pointer to the 150 percent on the dial. These meters are designed to indicate the operating load of an AC motor as a percent of the rated operating load. Generally, a custom current transformer is needed to match the meter to the motor operating characteristics. These transformers are not supplied with the meter. Contact the factory for the appropriate transformer.

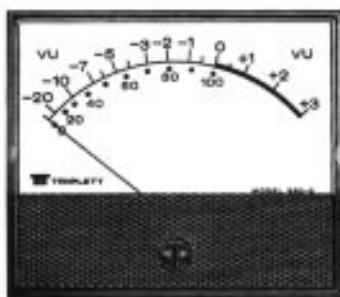
### AC MOTOR LOAD METERS

Rating Amps	Terminal Resistance Ohms	Scale Marking	3 1/2"		4 1/2"	
			Model 330-G	Model 330-GL	Model 430-G	Model 430-GL
5	0.014	0 - 150% Motor Load Current. Red Band 100 - 150	53-1897	53-1899	53-1898	53-1900

## \*Standard Scales for VU Meters

### Type A Scale

The "A" Scale reads "-20 to +3" in larger type on the top of the arc, with "0 - 100" on the bottom of the arc in smaller type.



### Type B Scale

The "B" Scale reads "0 to 100" in larger type on the top of the arc, and "-20 to +3" in smaller type on the bottom of the arc.



Call 1-800-TRIPLETT for more Information