

Hoyt VU Meters

- Industry Standard for Volume Level Measurements
- Sizes from 1.5" to 4.5"
- Choice of Styles & Mounting
- Made in U.S.A.

The VU meter is the standard level indicator for audio frequency transmission systems. VU meters are used to measure sound or noise levels in broadcast monitoring, public address systems and anywhere volume level measurements are to be made. The VU also is useful for the measurement of noise level and other audio frequency energy where the established dynamic characteristics of the VU meter give a common result for measurements taken in different laboratories.

The VU meter is designed to read zero VU or 100% with 1.228 volts applied to the instrument and the 3600 ohm series resistance. This represents 4 db above 1 milliwatt in 600 ohms. The combination of a special copper oxide rectifier and an extremely sensitive movement with special magnetics give these meters very high sensitivity. Two scales types are available with white, black or buff background color. A black pointer is standard, red optional.

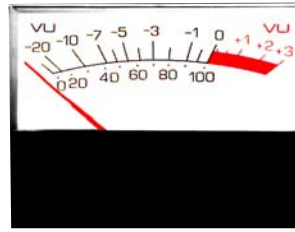
TYPE A SCALE

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

TYPE B SCALE

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

To order: Specify model, mounting, scale type/color, VU
Custom legends & logos available on request.



▲ **3135**



▲ **17/3**

| Size | Model | Style |
|--------|---------|--------------------------------------|
| 1 1/2" | 2018-22 | Rectangular, panel or bezel mount |
| | 3115 | Rectangular, surface or window mount |
| 2 1/2" | 17/3 | Round, phenolic |
| | 2025 | Rectangular, panel or bezel mount |
| | 635 | Rectangular, phenolic |
| | 685 | Edgewise |
| | 3125 | Rectangular, surface or window mount |
| 3 1/2" | 4025 | Rectangular, phenolic & glass |
| | 2035 | Rectangular, panel or bezel mount |
| | 2135 | Rectangular, low profile phenolic |
| | 582 | Round, phenolic |
| | 597 | Rectangular, phenolic |
| 4 1/2" | 3135 | Rectangular, surface or window mount |
| | 4035 | Rectangular, phenolic & glass |
| | 2045 | Rectangular, panel or bezel mount |
| | 2145 | Rectangular, low profile phenolic |
| | 647 | Rectangular, phenolic |
| | 3145 | Rectangular, surface or window mount |
| | 4045 | Rectangular, phenolic & glass |

Prime Instruments 5% Accuracy Panel Meters

- Made in USA
- AC & DC models
- 5% accuracy
- Wide selection of sizes & styles
- Custom ranges & artwork available

Available Ranges:

DC volts: 0-1 to 0-500

DC milliamps: 0-1 to 0-500

DC amps: 0-1 to 0-100

AC volts: 0-5 to 0-600

AC milliamps: 0-25 to 0-500

AC amps: 0-1 to 0-30

Frequency: 45-65 or 55-65Hz
(Models 21 & 37)

Terminals: #6-32 studs ($\leq 10A$),
except 1/4" quick-connects
on Model 21

Model 37

Lexan bezel.
Rugged moving magnet construction.
Case: Zinc plated steel (ABS cyclolac
available for marine applications).

2.375" x 2.375" x 1.75" deep.
Clamp mounting in 2.032" hole.



Model 42

High impact plastic case.
Glass or acrylic lens.
Bezel: black or anodized aluminum,
chrome, stainless steel.

2.32" dia. x 2.10" deep.
Clamp mounting in 2.032" hole.



Model 21

Rugged steel case.
Black ABS bezel.

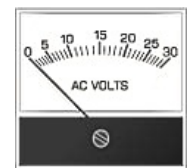
2.50" x 3.25" x 1.71" deep.
Clamp mounting in 2.032" hole.



Model 90

Moving magnet construction.
Rugged, efficient mechanism.
Zero adjuster.

2.48" x 2.36" x 1.25" deep.
Flush or surface mounting in rectangular hole.



Many other styles and sizes available. Custom ranges and artwork also available on request.