

SPECIFICATIONS

MAXIMUM SENSITIVITY

Sensitivity decreases linearly as source resistance increases

At source resistances up to 1,000 ohms: ± 0.13 microvolt per millimeter.
 ± 0.2 microvolt per division.

At source resistance of 100,000 ohms: ± 0.6 microvolt per millimeter.
 ± 0.9 microvolt per division.

ZERO DRIFT

Conditions: Temperature of 68 ± 10 F and 30 minute warm-up before operation.

Maximum drift during first hour of operation: $2 \mu\text{v}$ or 10 divisions at maximum sensitivity.

Maximum rate-of-drift after 5 hrs operation: $0.2 \mu\text{v/hr}$ or 1 division/hr at max. sensitivity.

NOISE LEVEL

Less than $.2$ microvolt, peak to peak.

SPEED OF RESPONSE

Less than 2 seconds for source resistances up to 1000 ohms, increasing to 4 seconds at 100,000 ohms.

INPUT RESISTANCE

25,000 ohms.

OUTPUT IMPEDANCE

1,000 ohms.

INSULATION RESISTANCE

Guard to chassis or case — over 10,000 megohms.

Chassis to line circuit or case — over 300 megohms.

OUTPUT

-0.5 to 0 to $+0.5$ volts, non-linear.

LINE VOLTAGE REQUIRED

120 volts, 50/60 cycles.

POWER CONSUMPTION

18 watts.

WEIGHT

Approximately 16 pounds.