

4287-3 Precision D-C Kelvin Bridge



A portable bridge for precision measurements and calibration of meters, components, windings and other instruments.

- Precise low-resistance measurements from 0.0001 to 110.100 ohms.
- Direct reading—two decades plus slidewire, with central readout window.
- Terminals provided for external detector, unknown, external battery, or external standard to extend range of the bridge.

SPECIFICATIONS

Catalog Number 4287-3 Portable Precision Kelvin Bridge; includes new 324190 electronic null detector (see p. J-14); has sufficient sensitivity to detect the following changes: 0.05% at 0.0001 Ω , 0.01% at 0.001 Ω , 0.005% or better at 0.01 Ω or higher. 4287-2 also available; has increased sensitivity over 4287-3 by an approximate factor of 10; useful when using range extension feature.

Ranges 0.0001 ohm to 110.1 ohms in six ranges.

Limits of Error $\pm 0.05\%$ of reading. Improves to $\pm 0.03\%$ as the "A" dial is switched from the 1 to the 10 position.

Readout All readings, except decimal multipliers, appear in a central readout window.

Case Metal, with handle and removable lid.

Dimensions 14 $\frac{1}{4}$ " x 11 $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " (362 x 292 x 190 mm).

Weight Net, 23 $\frac{1}{2}$ lb (10.6 kg); shipping, about 29 lb (13.2 kg).

Options L&N Report of Calibration.

Price 4287-3: \$841.00; 4287-2: \$927.00.

ORDERING INSTRUCTIONS GSA Specify catalog number.

For more information, see Data Sheet B5.1110.

4289-3 Precision D-C Wheatstone Bridge



For precision measurements and calibration of meters, components, windings and other instruments.

- Highest accuracy in an L&N Portable Wheatstone Bridge.
- Measurements from 1 ohm to 11.01 megohms.
- Two decades plus slidewire operation with central readout window.

SPECIFICATIONS

Catalog Number 4289-3 Portable Precision Wheatstone Bridge; includes new 324190 electronic null detector (see p. J-14); has sufficient sensitivity to detect the following changes: 0.01% or better from 1 Ω to 10 Ω , 0.001% or better from 10 Ω to 100k Ω , 0.005% from 100k Ω to 1M Ω , 0.045% from 1M Ω to 10M Ω . 4289-2 also available; has increased sensitivity over 4289-3 by an approximate factor of 10, useful when monitoring small resistance changes at megohm levels.

Range 1 ohm to 11.01 megohms in 7 ranges.

Limits of Error $\pm 0.05\%$ of reading. Improves to $\pm 0.03\%$ of reading as the first dial is switched from the 1 to the 10 position.

Readout All dial readings, except decimal multipliers, appear in a central readout window.

Case Metal with removable lid and handle.

Dimensions 14 $\frac{1}{4}$ " x 11 $\frac{1}{2}$ " x 7 $\frac{1}{2}$ " (362 x 292 x 190 mm).

Weight Net 21 lb (9.5 kg); shipping, 27 lb (12.2 kg).

Options L&N Report of Calibration.

Price 4289-3: \$793.00; 4289-2: \$857.00.

ORDERING INSTRUCTIONS GSA Specify catalog number.

For more information, see Data Sheet B5.1120.