



An ISO 9001:2015
CERTIFIED CO.

PORTABLE WHEATSTONE BRIDGE

PRECISE | RELIABLE | ACCURATE



FEATURES

- ✓ Four decade dials in steps of Thousands, Hundreds, Tens & Units of Ohm's.
- ✓ Ratio arm with 7 selectable multiplying factors: 0.001, 0.01, 0.1, 1, 10, 100, 1000.
- ✓ Two press keys:
 - B – Battery
 - G – Galvanometer
- ✓ One toggle switch for internal battery.
- ✓ A sensitive galvanometer is provided in the bridge.
- ✓ Robust wooden case with handle for easy portability.
- ✓ Ideal for laboratory, educational and field use.



KEY SPECIFICATIONS

PARAMETER	SPECIFICATION
Series Arm	Four decade dials in steps of Thousands, Hundreds, Tens & Units of Ohm's
Ratio Arm (Multiplying Factor)	0.001, 0.01, 0.1, 1, 10, 100, 1000
Press Keys	B – Battery G – Galvanometer
Battery	Internal (Toggle switch for internal battery)
Galvanometer	High sensitivity DC galvanometer
Terminals	For external battery, galvanometer, unknown resistance (R1, R2) and detector
Case	Wooden box with handle
Application	Measurement of unknown resistance by null deflection method



DESCRIPTION

The **Portable Wheatstone Bridge** is a precise and reliable instrument designed for accurate measurement of unknown resistance using the null deflection method. It features four decade dials for the series arm in steps of Thousands, Hundreds, Tens, and Units of Ohm's.

The ratio arm offers seven multiplying factors: 0.001, 0.01, 0.1, 1, 10, 100, and 1000, allowing wide measurement range.

Two press keys are provided — B for Battery and G for Galvanometer. A toggle switch is used for internal battery operation.

A highly sensitive galvanometer is fitted to detect null deflection accurately.

The instrument is housed in a sturdy wooden case with handle for safe portability and durability.



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ADDRESS

62 Azad Nagar,
Near Rampur Chowk;
Behind Khalsa Tent House,
Ambala Cantt, Haryana,
133001 India

CONTACT DETAILS

Info@eselindia.com
Sharma_electrical@yahoo.com
asinternational024@gmail.com
+91 9416183370 +91 9416493069
+91 9306996454
International Business
+91 7015448621

WEBSITES

www.eselinternational.org
www.esellab.com



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