

Kelvin Double Bridge



Product Categories: [General Physics](#)

Product Tags: [electronics](#), [physics lab instruments](#)

Product Page: <https://www.labappara.com/product/kelvin-double-bridge/>

Product Description

Kelvin Double Bridge - Physics Laboratory Equipment

Specification:

Kelvin double bridge for precise measurement of low resistance capable of measuring resistance from 0.1 micro - ohm to 1.1 ohms.

Ten standard resistance of Manganin are provided in step of 0.1 ohm each in dial from with five multiple ratios of .001, 1, 10 and 100 ohms.

The circular slide wire of .01 ohms is also made from thick Manganin wire.

Having extremely low temperature coefficient calibrated to ± 0.05 to 0.02% with heavy construction.

Conforms to Conductor Resistance Test as per

Four Terminals method and kelvin Principle for eliminating contact and lead resistance.

Properly aged manganin wire resistance used.

Reproducible measurements (Same value even after 25000 operations)

Zero setting provision (Provided on slide wire dial)

Hard silver plated switches are used (Specially designed)

Current switch with reverse facility eliminates thermal e.m.f.

Features:

Compact design

Easy to operate

High performance