

PORTABLE DC WHEATSTONE BRIDGE

DWB-01 WHEATSTONE BRIDGE



DWB-01

Features

- .Wide measuring range 1Ω to $10M\Omega$
- .Built in galvanometer and bridge power source
- .Null measuring method
- .One multiplier and four measuring arms
- .Guarding and shielding with a portable metal case

Electrical characteristics:

Measuring range: $1\Omega \sim 11.11M\Omega$

Measuring arm four decade: $1000\Omega \times 10 + 100\Omega \times 10 + 10\Omega \times 10 + 1\Omega \times 10$

Multiplier	Measuring range	Accuracy	Bridge power source
$\times 0.001$	$1 \sim 11.11\Omega$	$0.5\%^*/0.5\%^{**}$	Internal battery 3V External power 4.5V
$\times 0.01$	$10 \sim 111.1\Omega$	$0.2\%^*/0.2\%^{**}$	
$\times 0.1$	$100 \sim 1111\Omega$	$0.1\%^*/0.1\%^{**}$	
$\times 1$	$1k \sim 5k\Omega$	$0.1\%^*/0.1\%^{**}$	
	$5k \sim 11.11k\Omega$	$0.2\%^*/0.1\%^{**}$	
$\times 10$	$10k \sim 50k\Omega$	$0.1\%^*/0.1\%^{**}$	Internal battery 3V External power 15V
	$50k \sim 111.1k\Omega$	$1\%^*/0.1\%^{**}$	
$\times 100$	$100k \sim 500k\Omega$	$2\%^*/0.2\%^{**}$	
	$500k \sim 1111k\Omega$	$5\%^*/0.2\%^{**}$	
$\times 1000$	$1M \sim 11.11M\Omega$	$20\%^*/0.5\%^{**}$	

*Use internal battery power source

**Use external power source

Galvanometer(built-in)sensitivity: $0.6\mu A/div.$, battery: 9V 6F22

Operating temperature: $5 \sim 35^\circ C$

Humidity range: 85%max., relative

Dimensions: $255 \times 140 \times 210$ mm

Weight: 2.5kg

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

MACHINE

ACCESSORY