

## DC / AC BRIDGE

**DC BRIDGES** Laboratory's equipment suitable for resistance measurement.

### THOMSON - WHEATSTONE BRIDGE

#### THOMSON - WHEATSTONE BRIDGE TYPE TW-E/G (precision 0.05%)

Reading to 4 digits Range: from 0.1  $\mu\Omega$  to 1.111M $\Omega$

Accessories: external standard resistances type RC-E/50 values: 0.001 $\Omega$  - 0.01 $\Omega$  - 0.1 $\Omega$  - 1 $\Omega$  and meter arm scale type TF/1

Available model PDT/2 precision 0.02% that needs external electronic galvanometer and resistors series RC 80.



#### WHEATSTONE BRIDGE TYPE PW-E/G (precision 0.1%)

Reading to 4 digits

Range: 1.000  $\Omega$  to 11.11 M $\Omega$



#### THOMSON BRIDGE TYPE PDT-D/1

Range: 100  $\mu\Omega$  to 10  $\Omega$

Precision: 2%



#### WHEATSTONE BRIDGE TYPE PW-D/2

Range: 100 m $\Omega$  to 1 M $\Omega$

Precision: 1%



AVAILABLE THE MODEL THOMSON - WHEATSTONE TYPE PTW-D/1 with the technical characteristic of both models described above

### MAXWELL - DE SAUTY BRIDGE 50Hz

#### MAXWELL BRIDGE TYPE PM-D/1

Range: 1 mH to 100H

Precision: 1 %



#### DE SAUTY BRIDGE TYPE PDS-D/1

Range: 1 nF to 100 $\mu$ F

Precision: 1 %



AVAILABLE THE MODEL PMS - D/1 MAXWELL - DE SAUTY 1 with the technical characteristic of both models described above

### SCHERING BRIDGE

Ranges: 10pF - 0.1 $\mu$ F Precision:  $\pm 0.5$  in the capacity measure. Adjustable test voltage from 0 to 3KV

Designed to the measurement of tg  $\delta$ . Internal sample capacity 100 pF precision 0.1% tg $\delta$  < 0.0005.

Power supply 230V

On request test electrode diameter 80 mm. approx UNI 4289



### PIVOT GALVANOMETERS

Pivot galvanometers with permanent magnet and moving coil

Current sensitivity : 1 $\mu$ A/div internal resistance 400 $\Omega$

- TYPE SL150G scale length 125mm with ant parallax mirror
- TIPO SLD-E/G scale length 80 mm

RECOMMENDED ACCESSORY FOR BOTH MODELS



### UNIVERSAL SHUNT TYPE RU-B

Using for varying sensitivity of galvanometer

7 multipliers: 1/1 - 1/2 - 1/5 - 1/10 - 1/50 - 1/100 - 1/1000 contact resistance less than 0.01 $\Omega$

**SPECIAL VERSIONS:** same technical constructive features of the types shown above but with incorporated reducer of sensitivity 1/10

Type SL150G/R and type SLD-E/GR

