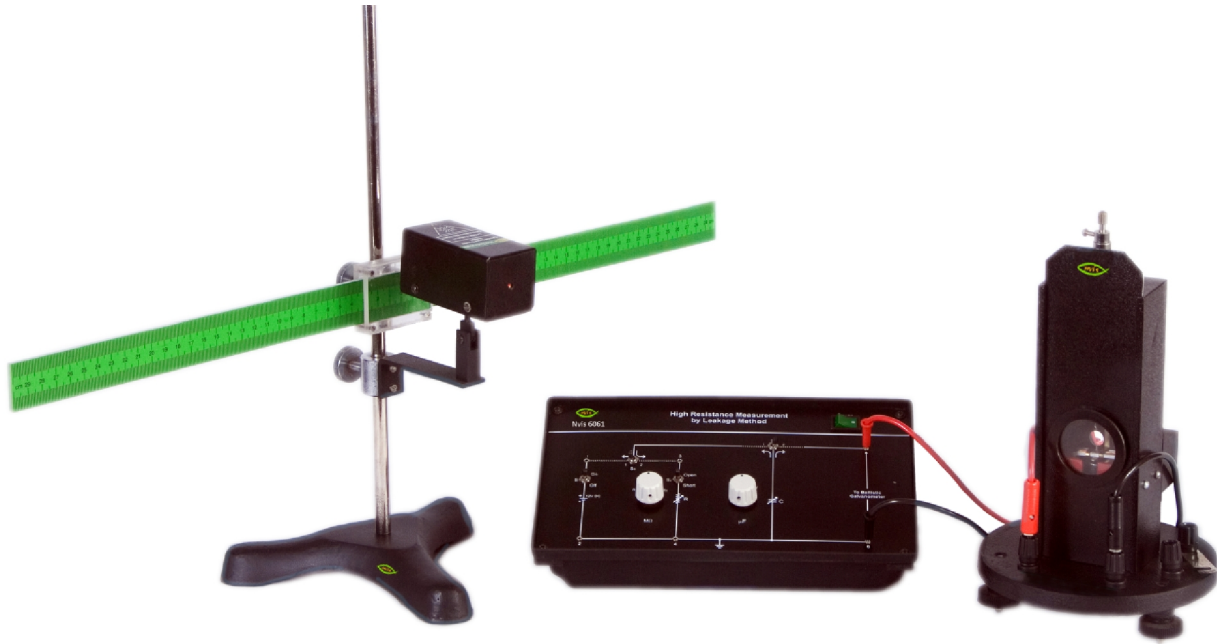




High Resistance Measurement by Leakage Method

Nvis 6061



Nvis 6061 High Resistance Measurement by Leakage Method is useful for measuring very high value of Resistance. Digital Multimeters or LCR meters are used to measure the normal value of resistance (generally $1\Omega - 20M\Omega$) but in the case of very high value of resistance these are unable to measure with high accuracy. Leakage method is very accurate way to measure the high value of resistance because of very sensitive ballistic galvanometer with scale & lamp arrangement and very low value of capacitances used in the product. It is provided with different values of unknown high resistances on rotary selection and different values of capacitors.

Features

- A complete setup with all accessories
- Inbuilt DC power supply
- Ballistic Galvanometer with Moving coil of large moment of inertia
- Ballistic Galvanometer with Flexible phosphor-bronze ribbon suspension
- Lamp and scale arrangement with adjustable stand
- Online product tutorial

Scope of Learning

- To determine the value of High Resistance by Leakage Method

Technical Specifications

Mains Supply : 230V $\pm 10\%$, 50/60Hz

DC Power Supply : 12V

Ballistic Galvanometer

Type : Moving Coil

Suspension Wire : Phosphor Bronze

Reflector : Concave Mirror

Coil Resistance : 500Ω

Lamp & Scale

Lamp : Laser Light Source

Scale : 30-0-30cm

Unknown Resistances

Selectable

R1 = $20M\Omega$

R2 = $40M\Omega$

R3 = $60M\Omega$

R4 = $80M\Omega$

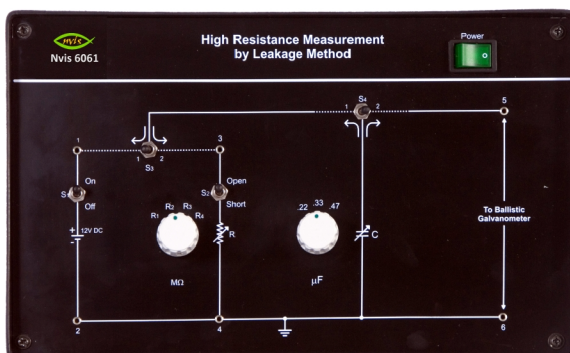
Capacitors

Selectable

$0.22\mu F$

$0.33\mu F$

$0.47\mu F$



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