



55943 Experimentation with De Sauty's and Schearing Bridge is useful for measuring very small value of Capacitance. By setting the null point, we can evaluate the unknown capacitance. To set this point, null detector with amplifier circuit is implemented on platform board. Nvis 6037 is based on the principle of Wheat Stone Bridge. A Function Generator is provided for Frequency and Amplitude variation. Null detector section includes differential amplifier.

## **Features**

- 1. A Complete set up with all necessary accessories Inbuilt 1 kHz sine wave generator with variable amplitude
- 2. Null detector with DPM

## Object

- 1. Determination of unknown capacitance using De Sauty's Bridge method
- 2. Determination of unknown capacitance using Schearing Bridge method

# **Technical Specifications**

Sine Wave Generator	r	
Frequency range	:	1kHz ±10%
Amplitude control outp	ut :	Up to 15Vpp
Fuse	:	500 mA, S/B
DPM	:	200 mV
Unknown Capacitor	:	0.1µF, 0.22µF, 0.47µF
Mains Supply	:	230V AC, ±10%, 50Hz
Dimension (mm)	:	W 345 x D 240 x H 110

### **Optional**

1. Multimeter

Note: Specifications are subject to change.

 

 Tesca Technologies Pvt. Ltd.

 IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,

Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India, Tel: +91-9829132777; Email: info@tesca.in, tesca.technologies@gmail.com <sup>™</sup> Website: www.tescaglobal.com

