

Experiment(s):

1. Determination of unknown inductance

(For more details, procedure & manual visit: www.kamaljeeth.net)



(a)



(b)



(c)

**Experiment setup consists:**

- a) Maxwell bridge kit
- b) Fixed frequency oscillator
- c) Digital null detector

Specifications:**a) Maxwell bridge kit**

Variable resistors: 2
Fixed capacitor: 1

b) Fixed Frequency Oscillator

Range: Fixed @ 1 KHz

Waveform: Sine

Display: None

Amplitude: Variable

Output impedance: 50 Ω

Output: 4 mm connector

Max. Amplitude: Max 20 V P-P

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power consumption: <20 W

Cabinet: Metal

**c) Digital null detector/
Galvanometer**

Range: -1999 to 0 to 1999

Input: 4 mm connector

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power consumption: <20 W

Cabinet: Metal



KAMALJEETH INSTRUMENTS

Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

ESTD. 1990

3 years manufacturing
warranty