



**36391** Experimentation with Hay's Bridge is useful training product for measuring the value of unknown inductance. This product is useful for students to understand the concept and working of A.C. Bridges. Hay's bridge is a modification of Maxwell's bridge and is suitable for measuring inductance of inductors with high Q-factor. By setting the null point we can evaluate the unknown inductance value.

36391 has inbuilt differential amplifier, AC to DC converter and DPM for null detection. In built sine wave generator with amplitude and frequency variation facility is provided for the ease of operation.

### Features

1. In-built sine wave generator
2. Adjustable frequency and Amplitude of Sine Wave
3. Digital display for Null detection
4. 10 turn potentiometer for balancing the bridge
5. Easy illustration of Hay's bridge
6. Online product tutorial

### Object

1. Determination of unknown inductance and Q-factor using Hay's bridge method.

### Technical Specifications

Mains supply	: 230V $\pm$ 10%, 50Hz
<b>Sine wave generator</b>	
Frequency	: 1kHz to 10kHz $\pm$ 10%
Amplitude	: 0 to 5Vpp
DPM	: 0-200mV
Unknown Inductors	: 58mH $\pm$ 10% with 580 $\pm$ 10% of resistance 100mH $\pm$ 5% with 1740 $\pm$ 5% of resistance 116mH $\pm$ 10% with 1160 $\pm$ 10% of resistance
Dimensions (mm)	: W 240 x D 345 x H 110

Note: Specifications are subject to change.