

Operational Amp Trainer LT-OPA02

Model: LT-OPA02

Brand: L-TEK

Country of origin: China



-Self- Specification:

contained easy to operate platform

-On board Function Generator

-On board test variable power supply

-Functional blocks indicated on board mimic

-Built in power supply

-Operating manual provided

-Compact size

-Ready experiments

-2 Year Warranty Scope of Learning:

-Study and observe Op-Amp as Voltage Comparator

-Study and observe Op-Amp as Zero Crossing Detector

-Study and observe Op-Amp as a Phase Shift Oscillator and its phase shift at every RC combination

-Study and observe Op-Amp as a Function generator, generating Square and Triangle wave

-Study and observe Op-Amp as a Half Wave Precision Rectifier

-Study and observe Op-Amp as active second order High Pass Filter

-Study and observe Op-Amp as a Wien Bridge Oscillator and its gain factor for a smooth sine wave

Technical Specifications:



**Function Generators:**

- Sine Wave: 10Hz - 100 KHz (10VPP)
- Square Wave: 10Hz - 100 KHz (10 VPP)
- Triangle Wave: 10Hz - 100 KHz (8 VPP)
- On board test Power: 0-5V (variable)
- Supplies Test Points: 28 (Gold plated)
- Power Supply: 230 V \pm 10%, 50/60 Hz
- Power Consumption: 4 VA approximately
- Operating Conditions: 0-40 C, 85% RH
- Weight: 4 Kg approximately
- Dimensions (mm): W 360 x D 260 x H 110
- Learning material: Online (Theory, procedure, reference results, etc).

Accessories:

- Connecting Wire: 1 set
- User Manual: 1 Nos
- Standard Accessories

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