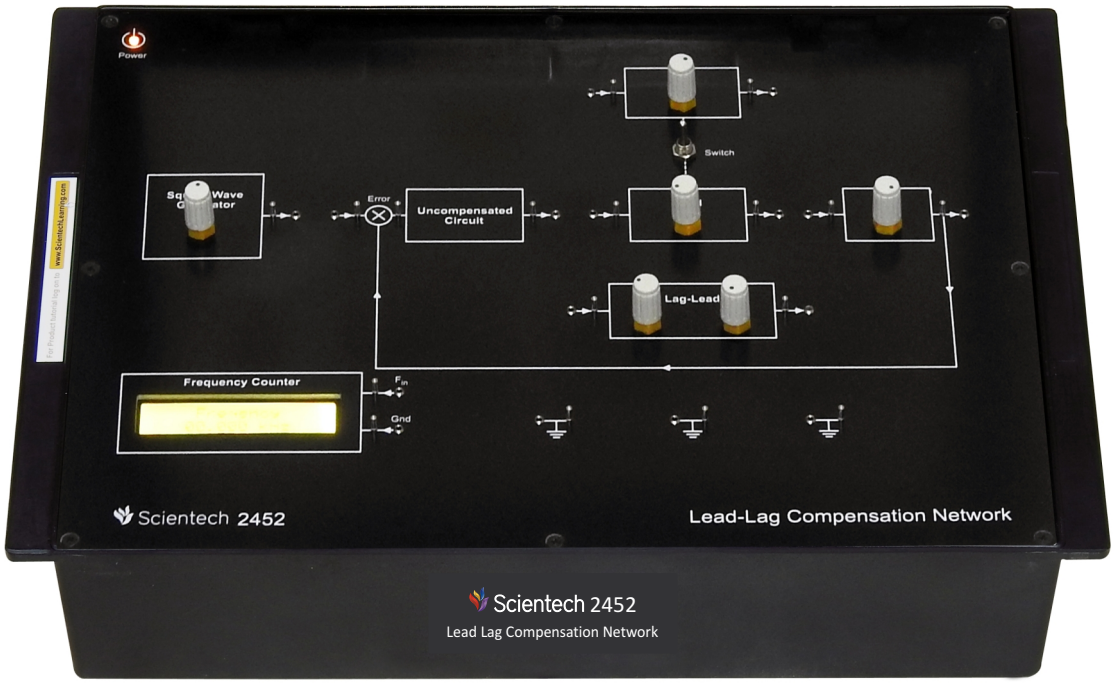
Lead Lag Compensation Network

Scientech 2452



Scientech 2452 is a Lead Lag Compensation Network which helps the user to gain invaluable practical experience of the principles and application of Leading Lagging of a signal applied to any active network.

Scientech 2452 is helpful used to study Lead, Lag and Lag-Lead in the network, networks as a filter, analysis through Bode plots and compensation of the same.

Features

- Digital Frequency Counter
- Square Wave Generator
- Precise Signal Conditioning
- Sensitive, linear, stable and accurate
- Easy to operate
- Rugged and compact
- Functional Blocks indicated on board mimic
- 2 mm socket for interconnection
- Test points at various blocks to measure and observe the signals
- On Board Touch Switch

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Lead Lag Compensation Network

Scientech 2452

Scope of Learning

Study of

- Lead Compensator
- Lag Compensator
- Lag-Lead Compensator

Bode plot of:

- Lead Compensator
- Lag Compensator
- Lag-Lead Compensator
- Study Lead Compensator as a filter
- Study Lag Compensator as a filter
- Study Lag-Lead Compensator as a filter

Study your :

- Various uncompensated circuit modules Lead Compensator
- Various uncompensated circuit modules Lag Compensator
- Various uncompensated circuit modules Lead Lag Compensator

Technical Specifications

Frequency Counter	:	0 Hz - 50 KHz
Square Wave Generator	:	0 Hz - 2 KHz
2 mm interconnection sockets	:	16
Power Consumption	:	1.6 VA (Approximately)
Test Points	:	17 nos
Dimensions (mm)	:	W 326 x D 252 x H 52
Power Supply	:	110V - 260V AC, 50/60Hz
Weight	:	1.5Kg (Approximately)
Operating Conditions	:	0-40°C, 85% RH
Included Accessories	:	Patch cords16” (2mm) - 5 nos.
		Mains cord-1no.

Subject to Change

Designed and Manufactured in India by -

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