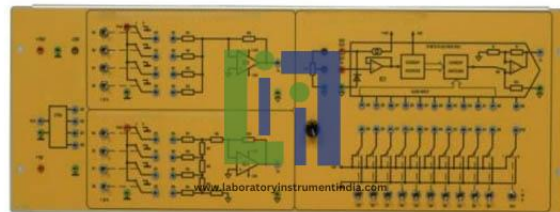




Email : sales@laboratoryinstrumentindia.com

Product Name :
Digital To Analogue Converters

Product Code :
LBNY-0005-12400092



Description :

The board is supplied complete with a set of stackable, plug-in cables of suitable lengths and colours and with a training manual. While the first two sections are used to highlight the operating principle of two different D/A converters, the third one is used to analyse the operating modes and the characteristics of the converters that are commercially available.

This board allows the study of the operating principle and of the main characteristics of a digital-to-analogue converter. The board is composed of 3 independent sections:

A discrete components D/A converter in a R-2R network

A weighed resistances discrete components D/A converter

A monolithic 11 bit D/A converter.

Power supply: ± 15 Vdc, 200 mA and + 5Vdc, 200mA.

Technical Specification :

Experiments:

Analysis of the conversion errors

Analysis of the operation and of the main characteristics of a monolithic converter

Analysis of the operation of a weighed resistances converter

Analysis of the operation of a converter in a R-2R network.

Laboratory Instrument India

