Scientech 2602 Digital to Analog Converter composed of devices that transform a digital word into analog signal. The Digital to Analog Converter

Scientech 2602 demonstrates three techniques :

- 4 bit weighted resistor discrete D/A Converter
- 4 bit R-2R ladder discrete D/A Converter
- 8 bit monolithic D/A Converter

Features

- Self contained Scientech 2602
- Discrete & monolithic D/A conversion
- On board Function Generator & Counter
- Functional blocks indicated on board mimics
- Online Product Tutorial
- Built in DC Power Supply
- Compact size

Scope of Learning

- Functional verification of weighted resistor D/A Converter
- Record the transfer characteristics of weighted resistor D/A Converter
- Functional verification of D/A Converter with ladder network
- Record of transfer characteristic of the ladder network D/A Converter
- Functional verification of an integrated D/A Converter

Technical Specifications

D/A Conversion	:	2.4 bit R-2R ladder network
	:	1.4 bit weighted resistor
	:	3.8 bit monolithic D/A Converter
Signal Source	:	DC Supply with toggle switches
O/P Indication	:	On DMM or Oscilloscope
Interconnections	:	2 mm banana sockets
Power Supply	:	110-220 V ±10%, 50/60 Hz
Dimensions (mm)	:	W 326 x D 252 x H 52
Weight	:	2 Kgs approximately
Product Tutorial	:	Online
Included Accessories :		
Patch cord 16" (2mm)	:	17 nos.
Mains cord	:	1 no.