

FEATURES

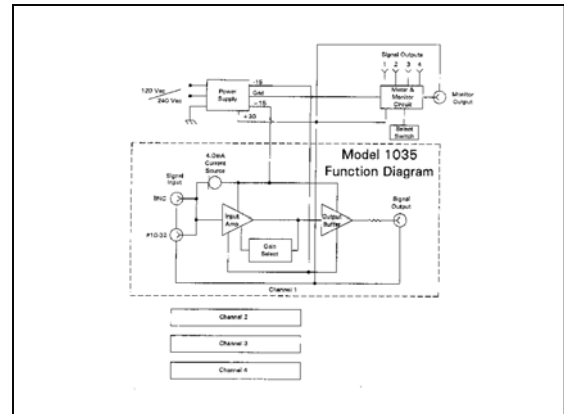
- 4-Channel Line Powered Unit
- Operates from AC Mains (120 or 240 VAC)
- Selectable Unity Gain & 10X Amplification
- Individual Channel Power Indicators



The Columbia Model 1035 is a four-channel constant current power supply that also incorporates integral voltage amplifiers to provide signal amplification of +20 dB (x10 gain). The desired gain factor for each channel is selected by latching pushbutton switches located on the front panel.

The output current to the transducer is set to 4.0mADC nominal. Input connections are made through a 10-32 coaxial connector or a BNC connector, thereby accommodating a wide variety of cable types. Individual output connections are made through BNC connectors located on the front panel.

In addition to individual channel outputs, a BNC monitor jack has been provided on the rear panel. Any channel's output can be monitored by the use of the rotary channel selection switch.



The Model 1035 is designed to operate from 120/240 VAC, 50-60 Hz mains supply via a supplied 3-wire line cord. The desired line voltage can be changed by the user by activation of an internal selection switch and other minor adjustments.

Specifications

Number of Channels	4
Power Input	100-130 VAC, 50-60 Hz -or- 210-260 VAC, 50-60 Hz
Power Connections	IEC (CEE-22) 3-Blade Male Receptacle and 3-Wire Line Cord
Transducer Supply Current	4.0 mA ±10%
Gain	0.0 dB / +20 dB, Selectable
Output Offset Voltage	10 mV Max.
Maximum Output Voltage	7 V RMS (±10 V Peak)
Residual Noise (1 Hz To 20KHz)	20µV RMS R.T.I. / 100 µV RMS R.T.O. (whichever is greater)

Frequency Response	+0.5% 10 Hz To 1KHz ±1.0% 1KHz To 20KHz ±3.0% 20KHz To 50KHz
AC Incremental Output Impedance	10 Ohms
Transducer Input Connections	10-32 Coaxial Connector & BNC Connector
Output Connectors	(1) BNC Coaxial Connector per Channel and (1) BNC Connector for Monitor Output
Temperature Range	0 To +60 Deg C
Size	9.25" x 8.5" x 4.5"
Weight	4 Lbs, 10 Oz.