

1- and 4-Channel Interface Adapter



These Adapters have integral power supplies and allow up to four Harvard Modular Amplifier Interfaces to be used directly with computer data acquisition systems or other recording devices.

The various amplifiers and accessories that can be used with these Adapters are as follows:

Three Interface Adapters are available:

- The 4-Channel Interface Adapter with Signal Conditioning provides amplification and signal conditioning resulting in outputs ranging from 0 to ± 5 volts. Rotary control knobs are used to adjust the gain and offset and toggle switches to choose between positive or negative polarity, AC or DC amplification and a calibration signal of 0.1 volts
- The 4-Channel Interface Adapter without Signal Conditioning delivers analog signals in the 1 volt range via four BNC output connectors
- The 1-Channel Interface Adapter without Signal Conditioning delivers analog signals in the 1 volt range via four BNC output connectors

The same amplifiers and accessories that are used with the Modular Universal Oscillographs, see listing to right, can now be powered by these Interface Adapters. Power required is 115/230 VAC, 50/60 Hz. These Adapters are supplied with one BNC to BNC cable per channel.

Catalog No.	Amplifier Interfaces
CGS 8342.71	Transducer Interface for interfacing with Isotonic, Isometric, and Blood Pressure Transducers, Pneumograph with Transducer, and Finger Plethysmograph
CGS 8343.71	AC/DC Preamplifier Interface for ECG and EMG; Electrodes are Available as Accessories
CGS 8344.71	Thermistor Interface; Assorted Temperature Probes are Available as Accessories
CGS 8335.71	Cardiotach Interface
CGS 8346.71	Isolated AC/DC Preamplifier; Electrodes are Available as Accessories
CGS 8347.71	Isolated GSR Amplifier with 2-Lead Finger Electrodes
CGS 8348.71	Isolator Interface for Interfacing Isolated GSR Amplifier and Isolated AC/DC Preamplifier with the Modular Universal Oscillograph and these One and Four-Channel Amplifiers

Interface Adapters			
Catalog No.	Interface Adapter	Dimensions, H x W x D	Weight
CGS 8338.71	4-Channel With Signal Conditioning	27.3 x 31.8 x 19.1 cm (10-3/4 x 12-1/2 x 7-1/2 in)	5.4 kg (12 lb)
CGS 8339.71	4-Channel Without Signal Conditioning	27.3 x 17.1 x 19.1 cm (10-3/4 x 6-3/4 x 7-1/2 in)	3.2 kg (7 lb)
CGS 8340.71	1-Channel Without Signal Conditioning, 115 VAC, 60 Hz	6.5 x 13.2 x 20 cm (2.6 x 5.2 x 7.9 in)	1.25 kg (2.8 lb)
CGS 8341.71	1-Channel Without Signal Conditioning, 230 VAC, 50 Hz	6.5 x 13.2 x 20 cm (2.6 x 5.2 x 7.9 in)	1.25 kg (2.8 lb)