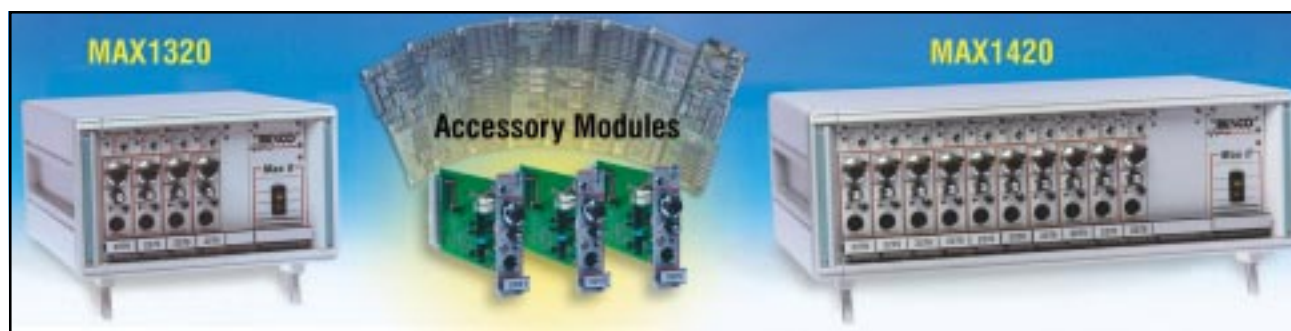


## Preamps and Other Modules



### **Buxco MAXII Units**

The Buxco MAXII unit (Modular Accessory Unit) is a space-saving modular enclosure that provides a versatile solution for many data acquisition applications. It connects directly and easily to the A/D card in your computer.

A compact, sturdy unit, the MAXII stands only 6.5 inches high. It is available in two widths: one that supports up to 5 single width modules, and one that supports up to 12 single-width modules. For needs greater than 12 modules, multiple MAXII units can be connected in parallel and stacked easily on top of each other. The interchangeable modules span a variety of functions.

Each MAXII includes mini-phone jacks on the back panel to connect high-level analog signals from external sources or external instruments to the A/D card. These inputs are buffered and overvoltage protected at 6 Volts.

The MAX1320 supports 16 channel A/D cards. Optionally, 32 channels can be fully supported with the MAX1420. When using a 16 channel A/D card with a 32 channel MAXII unit, a group select feature allows you to select which group of 16 channels is placed on the 16 A/D channels. This feature permits easy switching from one apparatus to another without rewiring or reconfiguring the MAXII.

Catalog No.	Product
CGS 8200.69	MAXII para 5 únicos módulos do amplificador da largura
CGS 8201.69	MAXII para 12 únicos módulos do amplificador da largura

### **Strain Gauge Preamp MAX2270, Single Width**

The Strain Gauge preamplifier module is designed to power a bridge transducer and to amplify its output to the  $\pm 5$  volt range. Front panel controls include a lockable counting dial Gain knob, a zero adjust and a balance screw. Also included is an AC/DC/Off toggle switch, which lets you switch the transducers off or on in normal (DC) mode, or apply a very low frequency high pass filter (AC mode). An OUT jack, also on the front panel, lets you run the preamplified signal back out to a device other than the software. This feature is useful for connecting to a chartwriter. On the module's board, clearly labeled jumpers facilitate coarse gain range adjustments. The board also features an internal differentiator, a simple integrator, and jumper configurable filter settings, for notch filter or 16 Hz low pass filter. To accommodate a wide range of applications and transducers, the gain is adjustable from x80 to x500,000 amplification. The front panel counting dial attenuates to  $\div 30$  of the jumper settings. The Strain Gauge Preamplifier is available in stand-alone or modular form. It is used in cardiovascular, pulmonary, and tissue tension applications

### **Carrier Modulator Preamp MAX2215, Single Width**

The Carrier Modulator Preamplifier modules are signal conditioners for variable reluctance pressure transducers. Typically, they are used with the Validyne™ DP45 series transducers. Front panel controls include a lockable counting dial Gain knob, a zero adjust and a balance screw. Also included is an AC/DC/Off toggle switch, which lets you switch the transducers off or on in normal (DC) mode, or apply a very low frequency high pass filter (AC mode). An OUT jack, also on the front panel, lets you run the preamplified signal back out to a device other than the software. This feature is useful for connecting to a chartwriter. On the module's board, clearly labeled jumpers facilitate coarse gain range adjustments. The board also features an internal differentiator, a simple integrator, and jumper configurable filter settings, for notch filter or 16 Hz low pass filter. The gain is adjustable from x50 to x15,000 amplification. The front panel counting dial attenuates to  $\div 30$  of the jumper settings.