

## P-263 High Voltage Amplifier

- 3 Channels
- Output Voltage 0 to -1500 V
- Analog Control Inputs
- 3-turn Potentiometers

The P-263 High Voltage Amplifier is a standard, medium power driver for operating piezoelectric translators or for use in other applications requiring a stabilised high voltage supply.

This compact table top unit contains three independent channels. Each channel has the option of an analog input signal or a potentiometer to control the output voltage.

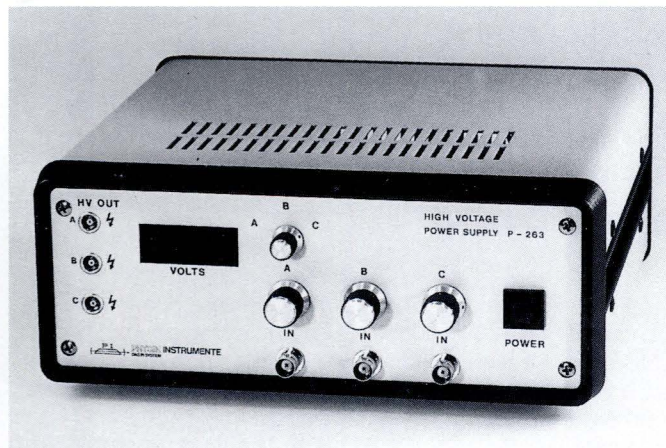
The P-263 can be operated in different ways.

- the output voltage can be set manually with the potentiometer from 0 to -1000 V
- the output voltage can be controlled from 0 to -1500 V via an external analog input signal of 0 to +10 V. This gives access to the full voltage range of the amplifier (-1500 V).
- an offset voltage can be set with the potentiometer and a symmetrical analogue input signal can be added to it e.g. from a function generator. The offset voltage effectively adds a positive signal to the control voltage. Again the full voltage difference of 1500 V can be used in this mode of operation.

The output voltage of each channel can be selectively monitored on a 3 1/2 digit LED display. Channel selection is by a three position switch.

### Operating Elements and Connections:

- power switch with indicator lamp
- 3 3-turn potentiometers
- 3 BNC sockets for control inputs
- 3 LEMO sockets for HV outputs
- 3 1/2 digit LED display
- channel select switch for display



P-263 Standard Piezocontroller

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### Technical Data:

Outputs:	3 channels
Output voltage:	0 to -1500 V
Max. output current:	1 mA
Polarity:	negative
Voltage setting:	3-turn potentiometer
Input voltage:	0 to +10 V for -1500 V
Input impedance:	1 MΩ
Voltage amplification:	-150
Nonlinearity:	< 1%
Residual ripple:	< 60 mV
Output connectors:	LEMOSA, ERA.0S.250.CTL
Input connectors:	BNC
Dimensions:	110 x 260 x 280 mm (H x B x T)
Weight:	4.4 kg
Supply voltage:	220/110 VAC, 50 - 60 Hz

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