

Field Oscillator Programming Instrument

Series **PG-2000**

- *Programming instrument to create oscillators, at a user specified frequency, within seconds IN THE FIELD*
- *No programming skills needed to create finished oscillators from sealed oscillator blanks*
- *Programmable CMOS or TTL oscillator outputs*
- *Programmable output enable and power-down feature*
- *Programmable asynchronous or synchronous output enable*
- *Programmable for 3.3V or 5.0V oscillator operation*
- *Microsoft Windows compatible software*

Instrument Part Number: PG-2000

Specifications:

Frequency Range:	1.000 MHz to 133.000 MHz
Acceptable Oscillator Packages:	Style 1 Full-Size 14 Pin DIP Style 4 Half-Size 8 Pin DIP SMD
Oscillator Programming Options:	Output Enable Function Power Down Operation TTL or CMOS Output Instantaneous Asynchronous/ Synchronous Enable/Power Down Selectable Input Voltage (3.3, 5.0V) Ability to reprogram oscillator blank to reuse the same part for two separate applications with different frequency and/or different output characteristics
Transformer	AC, Supplied. UL 996C / 820A0063
Input:	100 - 250 VAC 60 Hz 20 W
Output:	16 VAC 750 mA
Instrument Size:	6.5" x 10.5" x 2.5"
Oscillator Blank Part Numbers:	see Cardinal CPP series
Required Additional Equipment:	IEEE-488 Instrument Control Card (HP 82341D or eq.) IEEE-488 Instrument Control Cable (HP 10833B, or eq) Frequency Counter (HP 53131 or eq) Computer w/ Microsoft Windows 95,98,NT or Windows 2000



Stand-Alone Field Oscillator Programming Instrument

Series **PG-2000P**

- *Programming instrument to create oscillators, at a user specified frequency, within seconds IN THE FIELD*
- *No programming skills needed to create finished oscillators from sealed oscillator blanks*
- *Designed for low-volume program applications such as engineering, field sales, and sample quantity*
- *Internal frequency reference for single step programming*
- *Simple User Interface*
- *Cardinal 4-pin oscillators are easily inserted into a ZIF socket or surface mount adapter for quick programming*
- *Oscillator characteristics are selected via keypad and 4-line LCD display*

Instrument Part Number: PG-2000P

Specifications:

Frequency Range:	1.000 MHz to 133.000 MHz
Acceptable Oscillator Packages:	Style 1 Full-Size 14 Pin DIP Style 4 Half-Size 8 Pin DIP SMD (With Optional SC-2000 Adapter)
Programmable Voltage Range:	3.3, 5.0 V
User Interface:	4 Line LCD frequency control parameters usage instructions helpful error messages Keypad ZIF Socket
Design Specifications:	For use with 4-pin oscillators
Oscillator Programming Options:	control pin functionality outputs electrical characteristics Ability to reprogram oscillator blank to correct errors or to reuse the same part for two sperate applications with different frequency and/or different output characteristics
Switching Power Supply	Equipped with Universal AC pwr supply UL 1950
Input:	100 - 250 VAC 50/60 Hz 0.7 – 0.35 A
Output:	+ 5.0 V 1.0 A +15.0 V 0.4 A - 15.0 V 0.4 A
Instrument Size:	10" x 4.75" x 2.65"
Oscillator Blank Part Numbers:	see Cardinal CPP series

