

# Field Oscillator Programming Instrument

- *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 voltage level*
- *PC / USB interface*
- *Microsoft Windows compatible software*
- *Programs all Cardinal FIPO products, as well as the high frequency LVDS and PECL Parts*
- *Low Cost*



**Instrument Part Number: PG-3100**

## Specifications:

<b>Frequency Range:</b>	1.000 MHz to 700.000 MHz		
<b>Acceptable Oscillator Packages:</b>	Style 1 Full-Size 14 Pin DIP Style 4 Half-Size 8 Pin DIP 5x3.2 SMD (W/ Optional SC5320Adapter) 5x7SMD (With Optional SC2000 Adapter) Plastic (W/ Optional SC-2500 Adapter) 9.6x11.4 SMD (W/ SC3500 Adapter) 5x7 SMD (W/ SC4000 Adapter) *		
<b>Programmable Voltage Range</b>	2.7 V	1 — 66 MHz	
	3.3 V	1 — 100 MHz	
	5.0 V	1 — 133 MHz	
	3.3 V	150 — 700 MHz *	
<b>Oscillator Programming Options:</b>	Output Enable Function Power Down Operation TTL or CMOS Output Asynchronous / Synchronous Ability to reprogram oscillator blank to reuse the same part for two separate applications with different frequency and/or different output characteristics Dual frequency support (CPPD)		
<b>Power Supply</b>	USB driven		
<b>Instrument Size:</b>	6.5" x 10.5" x 2.5"		
<b>Oscillator Blank Part Numbers:</b>	CPP	CPPFX	
	CPPL	CPPE	
	CPPD	CPPV	
	CPPHE *	CPPHV *	
<b>User Interface:</b>	USB Microsoft Windows 98SE, 2000, XP ZIF Socket User instructions Graphical Interface Helpful error messages Field upgradeable		

