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

Specifications:

**Frequency Range:** 1.000 MHz to 700.000 MHz

**Acceptable Oscillator Packages:**
- Style 1 Full-Size 14 Pin DIP
- Style 4 Half-Size 8 Pin DIP
- 5x3.2 SMD (W/ Optional SC5320Adapter)
- 5x7 SMD (With Optional SC2000 Adapter)
- Plastic (W/ Optional SC-2500 Adapter)
- 9.6x11.4 SMD (W/ SC3500 Adapter)
- 5x7 SMD (W/ SC4000 Adapter) *

**Programmable Voltage Range**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Frequency Range</th>
</tr>
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<tbody>
<tr>
<td>2.7 V</td>
<td>1 — 66 MHz</td>
</tr>
<tr>
<td>3.3 V</td>
<td>1 — 100 MHz</td>
</tr>
<tr>
<td>5.0 V</td>
<td>1 — 133 MHz</td>
</tr>
<tr>
<td>3.3 V</td>
<td>150 — 700 MHz *</td>
</tr>
</tbody>
</table>

**Oscillator Programming Options:**
- 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)

**Power Supply**
- USB driven

**Instrument Size:**
- 6.5” x 10.5” x 2.5”

**Oscillator Blank Part Numbers:**
- CPP
- CPPFX
- CPPL
- CPPE
- CPPD
- CPPV
- CPPHE *
- CPPHV *

**User Interface:**
- USB
- Microsoft Windows 98SE, 2000, XP
- ZIF Socket
- User instructions
- Graphical Interface
- Helpful error messages
- Field upgradeable