

# 1710 Specifications

## General Specs

|                           |  |
|---------------------------|--|
| <b>Operating Voltage:</b> | 100-240 VAC                                    |
| <b>Frequency:</b>         | 50-60 Hz                                       |
| <b>Current Rating:</b>    | 4-2 A (Fuse 250V 6A SB)                        |
| <b>Dimensions:</b>        | 11.75" (298mm) x 8.65" (220mm) x 4.68" (119mm) |
| <b>Weight:</b>            | 7.22 lbs. (3.28 kg)                            |

## SOFTWARE

|                         |   |
|-------------------------|---|
| <b>Required:</b>        | BPWin   |
| <b>Windows Version:</b> | Windows 10, Windows 7 64bit   |
| <b>File Type:</b>       | Including, but not limited to, binary, Intel, JEDEC, Motorola, POF, RAM, straight hex, Tekhex, Extended Tekhex, ASCII |
| <b>Features:</b>        | Data editor, revision history, session logging, on-line help, device and algorithm information                        |
| <b>Device Commands:</b> | Blank, checksum, compare, options, program, test, verify  |

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## HARDWARE

|                                |  |
|--------------------------------|--|
| <b>Calibration:</b>            | Annual; may be verified on site with optional socket module  |
| <b>Diagnostics:</b>            | Pin continuity test, ROM, CPU, pin drivers, power supply, communications, cable, calibration verification timing, ADC, DAC |
| <b>PC System Requirements:</b> | Windows XP, Windows 7  |

## PIN DRIVER

|                          |   |
|--------------------------|---|
| <b>Quantity:</b>         | 240-pins standard   |
| <b>Analog Slew rate:</b> | 0.3 to 25V/ $\mu$ s   |
| <b>Vpp Range:</b>        | 0-25V   |
| <b>Ipp Range:</b>        | 0-70mA continuous, 250mA peak   |
| <b>Vcc Range:</b>        | 0-12V   |
| <b>Icc Range:</b>        | 0-1A  |
| <b>Very low voltage:</b> | to 1.5V (Vdd)   |
| <b>Rise Time:</b>        | 4ns   |
| <b>Overshoot:</b>        | None  |
| <b>Clocks:</b>           | Continuously variable 1 MHz to 30 MHz   |
| <b>Protection:</b>       | Overcurrent shutdown, power failure shutdown  |
| <b>Independence:</b>     | Pin drivers and waveform generators are fully independent and concurrent on each site |