

## **Thorlabs PM100USB Power and Energy Meter - Firmware Changelog**

This firmware is a device internal program for PM100USB Optical Power and Energy Meters. For installation instructions consult the users manual.

### **Changelog**

May-15-2009 Release V1.0

May-20-2009 V1.1

- NEW: Auto thermopile acceleration mode.

Nov-24-2009 V1.2

- BUGFIX: Auto ranging now works correct for negative measurement values.

- BUGFIX: Firmware hang up after ZERO process solved.

Jan-27-2010 V1.3

- BUGFIX: Random USB timeouts and hang ups solved.

Oct-18-2012 V1.3.2

- BUGFIX: USB measurement timeouts on optical input overload solved.

Mar-21-2014 V1.4

- CHANGE: Improved thermopile acceleration.

- CHANGE: Thermopile acceleration disabled during zero measurement.

Jan-30-2017 V1.5

- BUGFIX: SCPI command \*RST did not work.

- CHANGE: When changing the sensor now as much setup data is copied/coerced for use with the new sensor instead of resetting all setup to default.

May-04-2018 V1.6

- BUGFIX: Internal memory timing was out of specifications.

- BUGFIX: SCPI command MEAS:FREQ? timed out with slow pyro sensor pulses.

Mar-07-2020 V1.7

- BUGFIX: Console crashed after activating delta mode while the energy sensor not yet had measured a pulse.