# Main Memory Volatility Statement

## *Models: Juno*

### *Product Description:*

**General Purpose Laser Power Meter**

### *Memory Description:*

This meter contains the following memory devices:

Juno board:

U8: Microcontroller STM32F103RC

Contains non-volatile FLASH (size 256K bytes) used to store operating code of the MCU, and volatile RAM used to store variables for the software while it is running.

Flash can be returned to default settings by restore or upgrade the firmware version (No calibration data is stored in this flash).

U9: I2C EEPROM 24LC16,

Size: 2K bytes.

Used to store start-up settings, device parameters and calibration factors.for the meter. Non-volatile.

### *General:*

Meter calibration constants are stored in U9 in Juno board. The calibration constants are generated when the meter is sent through its calibration process in the factory, and are fundamental to the meter operation. RAM held in the internal Microcontroller (U8, Juno board), is not accessible to the user through the remote interface and their contents are lost when the meter is turned off.

***Note:*** *The meter contains a D15 connector to which a range of custom sensors can be attached. Calibration data for any such sensor is separate from the meter and is stored inside the sensor itself, not inside the meter.*

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