



miniPAR LOGGER

Submersible data logger measures light, orientation and temperature.

The miniPAR logger is a portable, submersible instrument for measuring diffused sunlight through water, or PAR (Photosynthetically Active Radiation). The miniPAR also contains a tilt sensor to ensure proper orientation, as well as a temperature sensor. Data are recorded on an internal SD card. The miniPAR is powered by 2 AA batteries and can be fitted with an anti-fouling miniWIPER to protect long-term data accuracy.

FEATURES

- Submersible up to 100 meters
- PAR, orientation and temperature sensors
- Anti-fouling wiper available
- Long-lasting

TILT SENSOR ENSURES DATA ACCURACY

The table to the right shows the battery endurance of 2,160 wipes. We suggest that the wiper be customer inspected every few months to ensure that it is working properly. Although we expect the wiper to last longer, when wiping intervals are farther apart, it is necessary to check on it every few months or sooner.

Sample Interval	Days of Sampling	Number of Samples
1 minute	1 month	>50,00
10 minutes	>12 months	>52,000
60 minutes	>12 months	>8,000

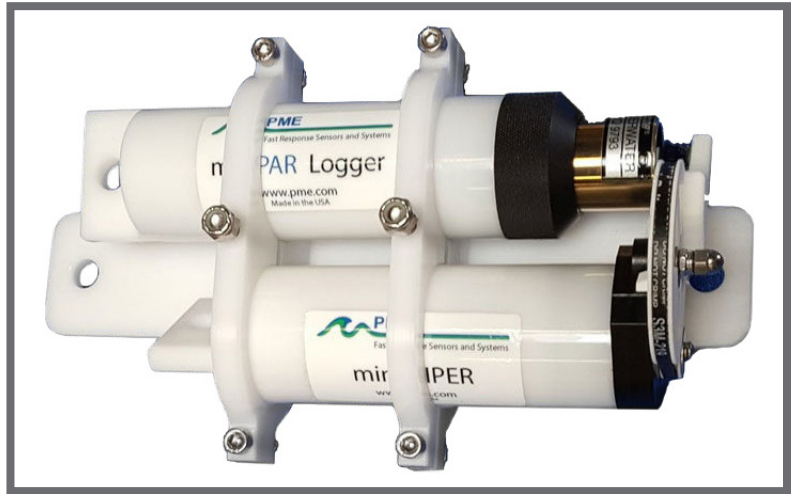
miniWIPER for miniPAR LOGGER

An anti-fouling wiper for the miniPAR logger.

The miniWIPER is a self-contained, completely submersible, wiping device that can be used with the miniPAR logger. It can be programmed to wipe at various intervals, and is powered from two AA Lithium batteries. A small brush rotates over the sensor in order to perform a complete wipe of the sensor surface, and then rests away from the sensor to allow for accurate and continuous monitoring. The wiper is used as an anti-fouling device and may reduce the growth of various organisms on the sensor.

FEATURES

- Completely submersible
- Self-contained
- Various wiping intervals
- Internally powered



MINIWIPER INFORMATION & SPECIFICATIONS

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Sample Interval	Days of Sampling	Number of Samples
1 hours	90	2,160
6 hours	90	Roughly 2,000
24 hours	90	Roughly 2,000

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