

LuminUltra PhotonMaster™ Luminometer

Pack Size	Product Code
1x PhotonMaster & PBM Equipment Set	50-40-10004

The LuminUltra PhotonMaster™ is a portable luminometer that pairs with LuminUltra's 2nd Generation ATP test kits for comprehensive microbial detection.

It's sensitive enough for the cleanest sample, robust enough for the toughest testing environment, and cost-friendly for any budget. Suitable for lab or field use, this lightweight device delivers rapid results in minutes.



Description

The LuminUltra PhotonMaster™ is a robust, affordable, and portable luminometer designed for versatile ATP testing. Using LuminUltra's 2nd Generation ATP test kits, it measures total or free ATP in any fluid or solid sample, providing real-time data to monitor microbial contamination and ensure efficient operation of your processes.

The device is enhanced with the PhotonMaster™ Bluetooth Module (PBM), allowing independent data generation and real-time collection and analysis via Bluetooth. Paired with our software, it delivers instant data at your fingertips.

This product's flexibility extends to both lab and field environments, thanks to its lightweight and compact design.

Speed & accuracy

The PhotonMaster™ provides a fast, precise insight into your microbes. It measures all microorganisms, delivering results within minutes of sampling for immediate action.

Simplicity

The PhotonMaster™ offers a straightforward testing procedure, enabling you to routinely apply the test and act based on real-time results.

Insight

With proactive monitoring and data analytics, the PhotonMaster™ helps you catch potential issues before they escalate, keeping your operations running smoothly.

Compliance

CE and FCC Part 15 compliant

Specifications

LuminUltra PhotonMaster™

Linear Dynamic Range (ATP)	4 x 10 ⁻¹² to 1 x 10 ⁻⁶ M ATP
Linear Dynamic Range (RLU)	0 to 10,000,000 RLU
Assay Tube Chamber	φ12 x 55mm
Detector	Photomultiplier Tube (PMT)
Interface	USB, 3ft cord
Power	USB 5-volt <120mA
Control Method	PhotonMaster™ Bluetooth Module, myLuminUltra software
Dimensions (mm)	77W x 125D x 88H
Weight	1.01lbs (460g)
Storage Temperature	-10 to +50°C
Operating Temperature	+5 to +35°C

Components

- PhotonMaster™ Luminometer
- PhotonMaster™ Bluetooth Module (PBM)
- USB cord
- Rugged field case
- Pipettes
- Test tube racks
- Tote bag for consumables