

# Lumitester™ SMART

High sensitivity ATPmeter

From harvest to bottling, the hygiene of the cellar and in particular the treatment of surfaces is a key point to control to avoid contamination. In a logic of reducing inputs and optimizing cleaning-disinfection procedures, ATP metric control takes on its full meaning. Easy to use, the Lumitester SMART gives you access to the actual degree of surface cleanliness. Today, Lumitester SMART is the only device on the market to have triple detection: ATP + ADP + AMP, a higher sensitivity than standard ATPmetry to track down the slightest unwanted microorganism on surfaces or in water.

## Principle

A sample is taken from a specific surface (vats, presses, etc.) using a sterile A3 swab which is then inserted into a tube in which an enzymatic reaction takes place. Then the tube is inserted into the device which measures the bioluminescence produced by this reaction. From this value is deduced the actual degree of cleanliness of your surface analyzed in the form of RLU (Relative Light Unit).

Recorded data can be displayed in time-series by registering with our specialized App. Inspection pass rates are automatically graphed and improvements can be visualized.

## What can you do with the app and software?



Instant result.



Monitor easily success/failure rates.



Sharing results across multiple devices with cloud.

## Technical features

Scale	0 to 999999 RLU
Measurement time	10 seconds
Data memory	2000
Temperature compensation range	+10 to +40°C
Interface	USB, Bluetooth 4.1
Measurement data	RLU (Relative Lights Units).
Dimensions / weight	65 × 176 × 40 mm / 235 g
Storage temperature range	-10 to +50°C
Power supply	Two size AA alkaline batteries or two size AA nickel-hydrate batteries



Ref.180200

## Advantages

- High sensitivity thanks to A3 detection (ATP + ADP + AMP).
- Results within 10 seconds.
- Visualization and permanent control of data thanks to the application.
- Data memory for 2000 measurement results.
- Delivered with 2 size AA alkaline batteries, Cleaning brush, USB, cable, Strap, Quick manual.

## Supplies and accessories\*

- LuciPac A3 Pen pads Surface (x100) ref.180203
- LuciPac A3 Pen pads Aqua (x100) ref.180213

\*Storage 1 year between 2°C and 8°C

