

Lucetta™ 2 Luminometer



The Lucetta™ 2 Luminometer is a single tube luminometer developed for the detection of bioluminescence and chemiluminescence. It can be used as a portable battery-operated instrument as well as with an external power supply and is suitable for detecting all luminescence.

Designed with a specific mode for using Lonza's MycoAlert™ Mycoplasma Detection Assays, it immediately provides assay results as CLEAN, BORDERLINE or CONTAMINATED sample.

The Lucetta™ 2 Luminometer can also be used for many other luminescence-based assays, such as cell proliferation and cytotoxicity assays or luciferase reporter gene assays. For these assays, the instrument's single read mode applies.

Benefits

- Small, portable tube luminometer
- Stand-alone instrument without PC requirements
- High sensitivity and linearity
- Specific measurement mode for running MycoAlert™ Mycoplasma Detection Assays
- Quick single read mode for unprocessed luminescence readings
- High data storage capacity with maximum storage of up to 2,000 single sample readings

Applications

- MycoAlert™ Mycoplasma Detection Assays
- ATP assays, e.g. ViaLight™ Cell Proliferation and Cytotoxicity Assay
- Adenylate Kinase assays, e.g. ToxiLight™ Non-destructive Cytotoxicity Assay
- Luciferase reporter gene analysis

Technical specifications

Dimensions: 150 x 280 x 170 mm (w x d x h), 5.9 x 11.02 x 6.69 in

Weight: Approx. 2 kg (4.4 lbs)

Power supply input: 100-240 V AC, 50-60 Hz

Output: 5.9-6 V DC / 2.1 A

Power consumption (instrument): Max. 15 W

Operating temperature and humidity: 15°–30°C 80% humidity at 31°C decreasing linearly to 50% at 40°C, no condensation