

Lumitester C-110



1 EA

Rating: Not Rated Yet

Price

Sales price 100000 ?

Discount

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Manufacturer [Kikkoman](#)

Description

Lumitester C-110 is a small, lightweight and precision instrument for ATP measurement

Feature

Small & Lightweight

Portable body, weighs about 700g. You can carry it easily and make measurement by rechargeable batteries.

High Sensitivity & Wide Dynamic Range

With the special reagents "CheckLite" series, you can measure 1.0×10^{-13} to 3.0×10^{-17} ? 3.0×10^{-11} mol ATP.

Simple & Speedy Operation

Insert a test tube containing mixture of sample and reagent, and just push the start button. The result will be displayed after only 10 seconds*1, and anyone can get measurement results on the spot with ease. ATP concentration and cell count can also be obtained after calibration.

*1 In case of standard mode

Advanced measurement

An advanced mode is pre-installed. This mode enables measurement time and delay time settings, and consecutive measurement, which are suitable for highly professional biochemical research use.

Convenient data processing performance

Measurement data are recorded in the C-110, and can be transferred the data to PC for print out and for data processing.

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|------------------|--|-----------|--|
| Detection method | Photon counting mode using photomultiplier tube | Display | LCD (liquid crystal display) panel |
| Detection range | 1.0×10^{-17} ? 1.5×10^{-12} mol ATP ² 1.0×10^{-16} ? 3.0×10^{-11} mol ATP ³ | Printer | Data can be printed out to an optional external printer |
| Dark noise | Below 10 RLU (25%) ⁴ | Interface | RS-232C |
| Measurement time | 10 sec. in STANDARD mode 1-1000sec. in ADVANCED mode | Software | Utility software for data collection and standard curve settings |
| Sample tube size | ?12x55 mm | Power | Rechargeable battery(NiMH) or AC adapter |
| Sample volume | 0.1 mL | Size | 185 Wx110 Dx75 H mm (excluding projecting parts) |
| Data output | RLU (Relative Light Unit), M (ATP | Weight | Approx. 700 g |

Equipments: Lumitester C-110

| | | | |
|--------------|---|------------------------|---|
| | concentration), pg (Amount of ATP), CELL (Cell count) | Temperature / Humidity | Storage -10 to +50?, Operating +5 to +40?/ No condensation |
| Data storage | 1000 pieces of data | Accessories | Tube stand, AC adaptor, RS-232C cable, Instruction manual, Utility software |

- *2 With CheckLite HS Set reagent (without ATP elimination)
- *3 With CheckLite 250 Plus
- *4 In case of standard mode

Reviews

There are yet no reviews for this product.