

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.

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.