

Nifty Photometer

Cat No: NPM-M-001

MOLEQULE-ON[®]



Description

Nifty Photometer from MOLEQULE-ON is a portable and cost effective instrument designed to perform waste water, drinking water, environmental, food, and ELISA testing. With a large LCD display and 2 button controls, the instrument can be operated with minimal training. The Nifty has a patented optic compartment, which allows users to perform different type of experiments by using round cuvette, square cuvette, and microstrips. It also has interchangeable filters, which can detect from 400-750nm. Nifty is a versatile instrument that will accommodate users to perform wide variety of tests with flexibility.

Features

- ***3 different measurement modes for all kinds of experiment***
Nifty Photometer converts between Absorbance and Concentration value. The instrument also provides cutoff calculating method to determine positive and negative results.
- ***Interchangeable filter slot with wavelength selection***
The users will only need to insert a filter of the desired wavelength into the Nifty to perform different wavelength experiments.
- ***The patent (US Patent No 5,221,961) approved rotating optical unit design***
The patent approved rotating optical unit can rotate vertical or horizontal to accommodate cuvettes or microstrips to facilitate all kinds of experiment.



- **Large LCD display and 2 button control for ease of use**

The Nifty Photometer is a compact and robust instrument for onsite and offsite experiments. The unit can use a power adapter for power, or use the optional battery pack that uses AAA batteries for environments that doesn't have a power outlet.

Accessories for Nifty Photometer



Specifications

Model	Nifty Photometer
Light Source	Tungsten Halogen lamp
Detector	Silicon photodiode
Wavelength Range	400-750nm(main unit with single filter) other filters are optional
Availability	
Bandwidth	10nm ± 2nm
Reproducibility	<+/- 0.005(under 2.000 O.D)
Measurement mode	A / C / cutoff
Concentration	0.000 - 99,999.99
Linearity	0.001 - 1.500 OD (±2%)
Resolution	0.001O.D (under 2.000 O.D)
Photometric range	0-2.500 abs
Display	16 x 2 large LCD Display
Interface	RS232 and parallel port
Power	100 - 240V at 50/60Hz
Battery Pack(optional)	AAA battery X 6 pack box
Dimension	150(W) x 170(D) x 50(H) mm
Weight	0.85 Kg