

MaestroNano Pro

MICRO-VOLUME SPECTROPHOTOMETER



MaestroNano Pro is a specialized instrument for bio-chemical research, especially for micro-volume solution concentration measurement. It realizes a user-friendly interface, an accurate measurement, a competitive price and a stylish industrial design.

MaestroNano Pro has a whole new technology of optical system design. There is NO optical fiber needed. Moreover, with the vertical slide design, the sample measuring area is more durable and stable.

MaestroNano Pro has a reliable measurement range of concentration from 2 to 2000 (ng/μL) and has a great resistance for the interferences of ambient light to get more accurate measurement.



Measurement Sample Size	2 ul
Measurement Data Output	(A)OD230nm, OD260nm, OD280nm, OD320nm (B)Sample concentration (ng/ul) (C)OD260nm/OD230nm, OD260nm/OD280nm
Minimum Concentration	2 ng/ul (dsDNA)
Maximum Concentration	2,000 ng/ul (dsDNA)
Light Propagation Material	Quartz glass
Absorbance Range (10mm)	0.04 ~ 40
Pathlength	~0.5 mm
Measurement Time	< 5 sec
Operation System	Android OS (ver. 4.4.3)
LCD Resolution	7 inches, 1024(W)x 600(H) dots matrix
Light Source	Xenon flash lamp
Internal Storage	32GB
Data Output Interface	Thermal printer
Data Connection interface	1. Wi-Fi x 1 (USB dongle) 2. OTG USB x 1 (connected to PC to access) 3. Ethernet x 1 (RJ-45) 4. USB x 2
Maintenance	Auto diagnosis, Calibration Program, Fix pathlength
Operating Voltage	12 V
Dimensions	26(W) X 26(D) X 20(H) cm
Weight	4.2 Kg

