

MaestroNano Pro

One bench with one MaestroNano Pro

- **Focus on nucleic acid:**
230nm/260nm/280nm/320nm
- **Convenient:**
2 μ L sample only, easy measurement in less than 5 seconds
- **Accurate:**
High reproducibility and repeatability
- **All-in-One:**
Embedded computer and thermo printer
- **Low-cost operation:**
No plates or other consumables
- **NO calibration:**
No recalibration or adjustment required
- **Best concentration range:**
2 ng/ μ L~2,000 ng/ μ L dsDNA without dilution



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

To satisfy most people's requirements for concentration measurement, MaestroNano Pro defines a most reliable measurement range of concentration of 2~2000 ng/ μ L, and successfully resists the interferences of ambient light for a more accurate measurement.

Also, MaestroNano Pro does not intend to change light path-length during measurement to reduce frequency of calibration. Instead, MaestroNano Pro develops and offers an in-house mathematical algorithm to help users acquire a more reliable, repeatable, and reproducible bio-chemical solution concentrations.

Order Information and Specification:

Products	MaestroNano Pro
Cat No.	MN-913A
Measurement Sample Size	2 μ L
Measurement Data Output	1. OD _{230nm} , OD _{260nm} , OD _{280nm} , OD _{320nm} 2. Sample Concentration (ng/ μ L) 3. OD _{260nm} /OD _{230nm} , OD _{260nm} /OD _{280nm}
Minimum Concentration	2 ng/ μ L(dsDNA)
Maximum Concentration	2000 ng/ μ L(dsDNA)
Path-length	~ 0.5mm
Measurement Time	< 5 sec.
Operation Voltage	24V DC
Operation Power Consumption	Stand by :5 W When drive thermal printer:15~24W
Data Output Interface	Liquid crystal display, Thermal printer
Printer Paper Width/Print Width	58mm / 48mm
LCD Resolution	7 inches touch screen
System Structure	Embedded system, No PC
Light Source	Xenon flash lamp
Size	260mm x 260mm x 200mm
Weight	4.2 Kg