

# MaestroNano Pro

One bench with one MaestroNano Pro

- **Focus on nucleic acid:**  
230nm/260nm/280nm/320nm
- **Convenient:**  
2  $\mu$ 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/ $\mu$ L~2,000 ng/ $\mu$ 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/ $\mu$ 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 $\mu$ L
Measurement Data Output	1. OD <sub>230nm</sub> , OD <sub>260nm</sub> , OD <sub>280nm</sub> , OD <sub>320nm</sub> 2. Sample Concentration (ng/ $\mu$ L) 3. OD <sub>260nm</sub> /OD <sub>230nm</sub> , OD <sub>260nm</sub> /OD <sub>280nm</sub>
Minimum Concentration	2 ng/ $\mu$ L(dsDNA)
Maximum Concentration	2000 ng/ $\mu$ 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 Kgw