LABSTAC

NANO SPECTROPHOTOMETER

labstac.com

NANO SPECTROPHOTOMETER

Labstac Nano spectrophotometer is a compact, micro volume UV Visible Spectrophotometer with enhanced sensitivity that can detect samples at 3ng/µl. It gives you fast measurement typically less than 5sec\sample and provides rapid and reproducible results without prior dilution. With robust instrumentation and ease of use, our product is most preferred for quick analysis in labs.
Used in Ideal choice for quantitation of protein, DNA, RNA and photometric measurements in analytical labs and research areas..

SPE61

- Small size, easy to carry, very suitable for field testing
- It can be quickly upgraded by U disk, which is convenient for the instrument to update the software
- The detection concentration range is wide, and commonly used samples can be detected without dilution
- Has power-on self-test function, it can quickly and accurately judge whether there are impurities in the detection platform when the machine is started up
- The machine does not need to be warmed up, it can be detected after starting up, and the single detection time is about 5 seconds, and the detection is fast
- By forming a liquid column, the sample required for one test is as low as 0.5ul
- Colony detection can be performed in both cuvette and micro mode
- With cuvette measurement function, support kinetic detection. (ND-100C)

SPECIFICATIONS

Model	SPE61-300	SPE61-004
Test sample capacity	0.5~2 µl	
Detection concentration range	2~15000 ng/µl(dsDNA)	-
Measurement Time	About 5 s	
Light absorption accuracy	0.002 Abs (1mm)	
Absorbance accuracy	1% (0.76 Abs at 256 nm)	
Light Source	Xenon lamp	
Detector	2048 linear CCD array	
Optical path	≤ 0.7mm	
Wavelength Range	200~850 nm	
Wavelength accuracy	<1 nm	
Wavelength resolution	≤2 nm	
Light absorption range	0.04~300 Abs (10 mm)	
Power	20 W	
Power Adapter	12 V, 5 A	
Dimension (W/D/H)	197x327x181 mm	
Weight (Net/Gross)	3.1 kgs	
Cuvette specifications	-	12.5mm(L)x12.5mm(W)x45mm(H) Stirring speed of cuvette
Cuvette optical path length	-	10, 5, 2, 1mm
Cuvette beam height	-	6mm

SPE61-300

SPE61-004

Labstac LLC
82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA
Email: contact@mail.labstac.com | Website: labstac.com