



Nano Stick-S

Nano Sticks are designed for accurate micro-volume measurements with most UV/Vis. Spectrophotometers to quantify DNA and Protein for life science. Nano Stick-S delivers the maximum performance with simple design, single sampling port.

Features

- Simple analysis, Innovative solution
- Compatible with the majority of UV-Vis. Spectrophotometers
- Superior accuracy and reproducibility
- Sample size as small as 1-2 μ l, conserves precious samples
- Durable design



Nano Stick-S

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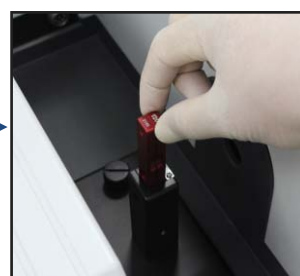
Nano Stick-S makes the process as simple as pipette, measure, and wipe clean. By reducing sample waste and providing greater accuracy, Nano Stick-S offers a complete solution to analyze DNA, RNA and proteins.



Pipette the Reference / Sample in turn.



Assemble the upper plate to the other half.



Measure and Collect data.



Simply wipe clean for next sampling.

Bubble Checker

Use the Bubble Checker to check for dust or bubbles in the sample port.



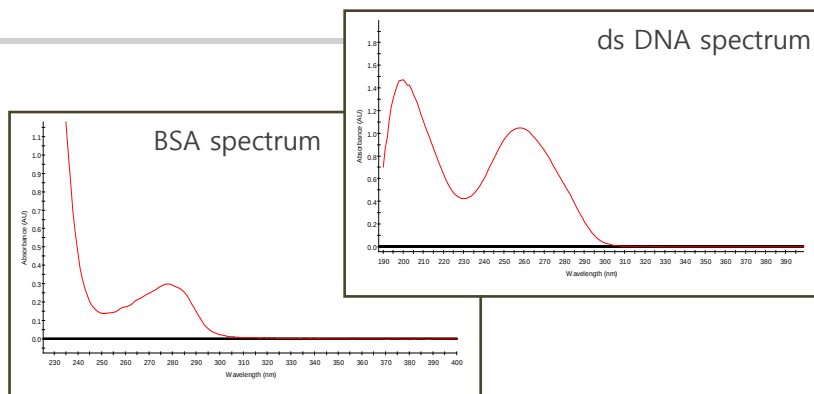
Nano Stick Package Kit

- Nano Stick-S or D, 1ea
- Loading Plate, 1ea
- Bubble Checker, 1ea
- User Guide



Applications

DNA, RNA Measurement
DNA Quantification
Protein Concentration Measurement
High Concentration Sample Measurement
Micro-Volume Sample Measurement



Specifications

Nano Stick-S		
Pathlength	0.5 mm	0.2 mm
Physical Dimensions	12.5 x 12.5 x 60 mm (WDH)	
Beam Height (Z-Dimension)	15 or 8.5 mm	
Minimum Sample Volume	2 μ l	1 μ l
DNA Detection Limit	1.1 ng/ μ l	1.5 ng/ μ l
DNA Maximum Concentration	3000 ng/ μ l	7500 ng/ μ l
DNA Reproducibility at 100 ng/ μ l	$\pm$ 1.0 ng/ μ l	$\pm$ 1.5 ng/ μ l
DNA Reproducibility at 1000 ng/ μ l	$\pm$ 3.0 ng/ μ l	$\pm$ 5.0 ng/ μ l
Protein Detection Limit	0.06 mg/ml	0.08 mg/ml
Protein Maximum Concentration	100 mg/ml	100 mg/ml
Protein Reproducibility at 2 mg/ml	$\pm$ 0.02 mg/ml	$\pm$ 0.04 mg/ml
Protein Reproducibility at 10 mg/ml	$\pm$ 0.05 mg/ml	$\pm$ 0.07 mg/ml

Ordering Information

ORDERING INFORMATION (0.5 mm pathlength)			
0.5 mm pathlength		0.2 mm pathlength	
NS-S/0.5/15/BK	Nano Stick-S, Z 15, Black	NS-S/0.2/15/BK	Nano Stick-S, Z 15, Black
NS-S/0.5/15/BL	Nano Stick-S, Z 15, Blue	NS-S/0.2/15/R	Nano Stick-S, Z 15, Red
NS-S/0.5/15/R	Nano Stick-S, Z 15, Red	NS-S/0.2/8.5/BK	Nano Stick-S, Z 8.5, Black
NS-S/0.5/15/G	Nano Stick-S, Z 15, Gold	NS-S/0.2/8.5/R	Nano Stick-S, Z 8.5, Red
NS-S/0.5/15/S	Nano Stick-S, Z 15, Silver		
NS-S/0.5/8.5/BK	Nano Stick-S, Z 8.5, Black		
NS-S/0.5/8.5/BL	Nano Stick-S, Z 8.5, Blue		
NS-S/0.5/8.5/R	Nano Stick-S, Z 8.5, Red		
NS-S/0.5/8.5/G	Nano Stick-S, Z 8.5, Gold		
NS-S/0.5/8.5/S	Nano Stick-S, Z 8.5, Silver		

- For 0.2 mm pathlength, Black and Red Color are available (8.5 mm and 15 mm Z-Dimension)
- Confirm the Z-Dimension (the height of the center of the light beam), 15 or 8.5 mm.



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