Micro Spectrophotometer/ NanoDrop Spectrophotometer

Model **MSK5500PlusSWISS** | Brand **Master Science** | Unit **Pc**



NanoDrop Spectrophotometer

The MSK5500PlusSWISS is a state-of-the-art ultra-micro spectrophotometer designed for precise detection across a wide range of applications, including nucleic acids, proteins, colloidal solutions, and microarray samples. With advanced full-wavelength scanning capabilities, this instrument is ideal for various scientific and research applications.

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

Scan to view online

Key Features

BUILT-IN WIN10 SYSTEM FOR INTUITIVE FUNCTIONALITY.

- 7-inch high-definition touchscreen display for full control and easy navigation.
- Over 32GB of internal storage for saving results and custom methods.
- Automatic saving in spreadsheet format, ensuring organized data management.

ELECTRONIC MANUAL FOR EASY REFERENCE.

- Includes 2 USB ports compatible with devices like mice, keyboards, and desktop computers.
- Built-in Bluetooth and Wi-Fi for remote operation and wireless printing of results.

Technical Specifications

PARAMETER	SPECIFICATION
Light Path1mm	
Sample Volume1-2μL	
Light Source & DetectorXenon lamp with a 3684-element linear silicide CCD array	
Detection Range190-850nm	
Wavelength Range190-1100nm	

PARAMETER	SPECIFICATION
Wavelength Accuracy±1nm	
Wavelength Resolution2nm (FWHM at Hg 546nm)	
Absorbance Accuracy0.002 Abs	
Absorbance Range0.02-15 Abs (equivalent to 10mm)	
Detection TimeLess than 3 seconds	
Nucleic Acid Range1-750 ng/µL dsDNA	
Protein Measurement Range0.1-40 mg/mL (BSA)	
Sample Measurement TimeLess than 5 seconds	
Machine Size20x30x20 cm	
Machine Weight2.8 kg	
This micro spectrophotometer is designed to provide fast, accurate, and reliable measurements, making it an essential tool for modern laboratories.	