

Micro Spectrophotometer

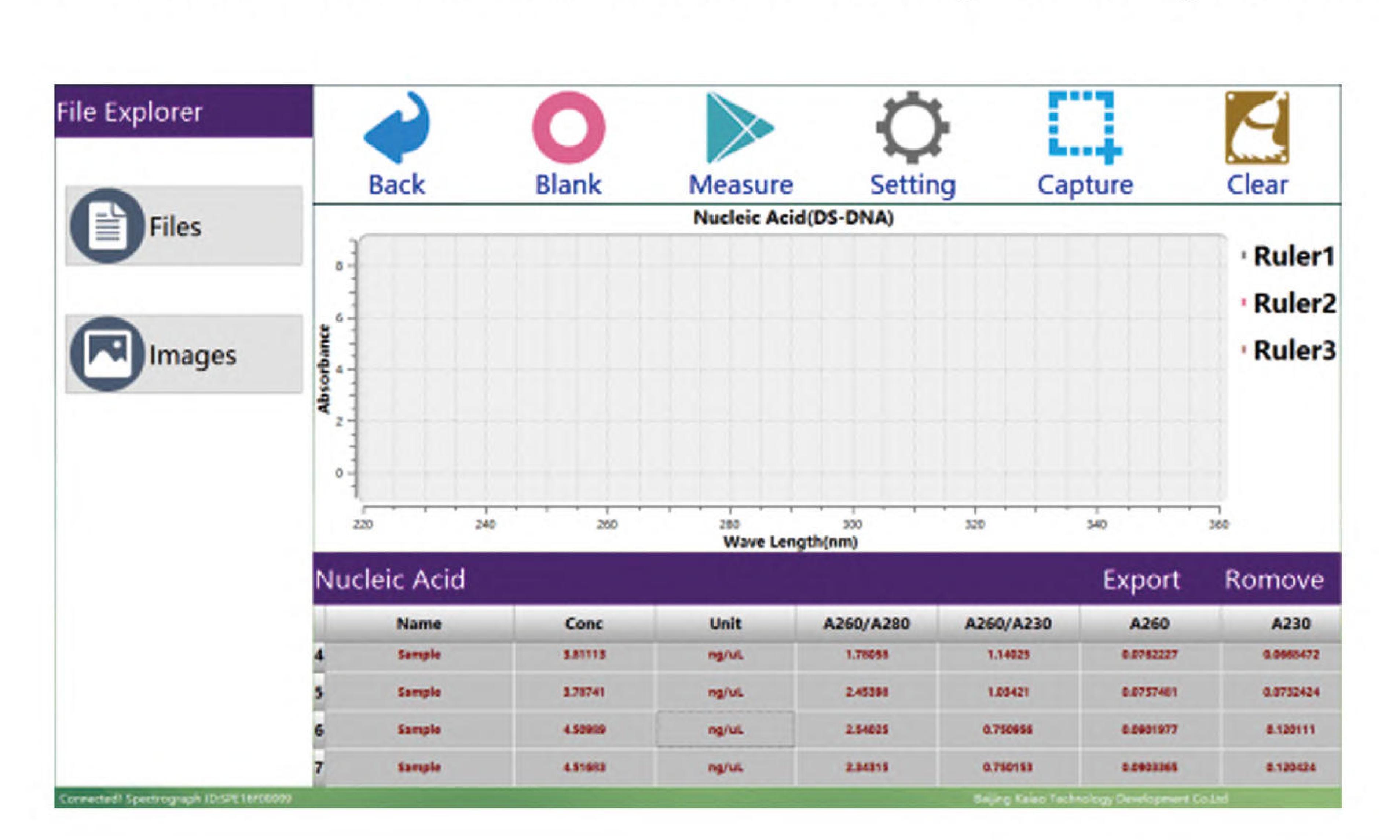
Model: K5500Plus

The ultra-micro spectrophotometer is a new type of full-wavelength spectrophotometer, which can detect nucleic acid, protein, colloidal, microarray samples, and conventional full-wavelength scanning, etc.

Features:

- 1. Instrument control and operation: built-in win10 system, built-in 7-inch high-definition display, full touch operation.
- ◆ 2. Data output method: Built-in ≥32GB storage space. Users can directly store measurement result data and custom methods, which can be automatically saved in spreadsheet mode. USB output or network transfer data, with electronic manual.
- ◆ 3. Data output port: 2 USB ports, which can be connected to various devices such as mouse, keyboards, desktop computers, etc.

◆ 4. Built-in Bluetooth, WIFI, available to remote operation and print results data wirelessly.





Specifications

Light path	1mm
Sample volume	$1{\sim}2\mu L$
Light source	Xenon lamp
Detector	2048-element linear silicide CCD array
Detection range	190~850nm
Wavelength range	190-1100nm
Wavelength accuracy	± 1nm
Wavelength resolution	2nm (FWHM at Hg 546 nm)
Accuracy of absorbance	0.002 Abs
Absorbance accuracy	1% (0.76 absorbance at 350nm)
Absorbance range	0.04~15Abs, equivalent to 10mm
Detection time	Less than 3s
Nucleic acid range	2~750 ng/μl, dsDNA
Protein measurement range	0.1~40 mg/ml, BSA
Sample measurement time	Less than 5 seconds
Built-in Method	Nucleic Acid, Protein, Full Wavelength Scan
Machine size	20*30*20cm
Machine weight	2.8kg