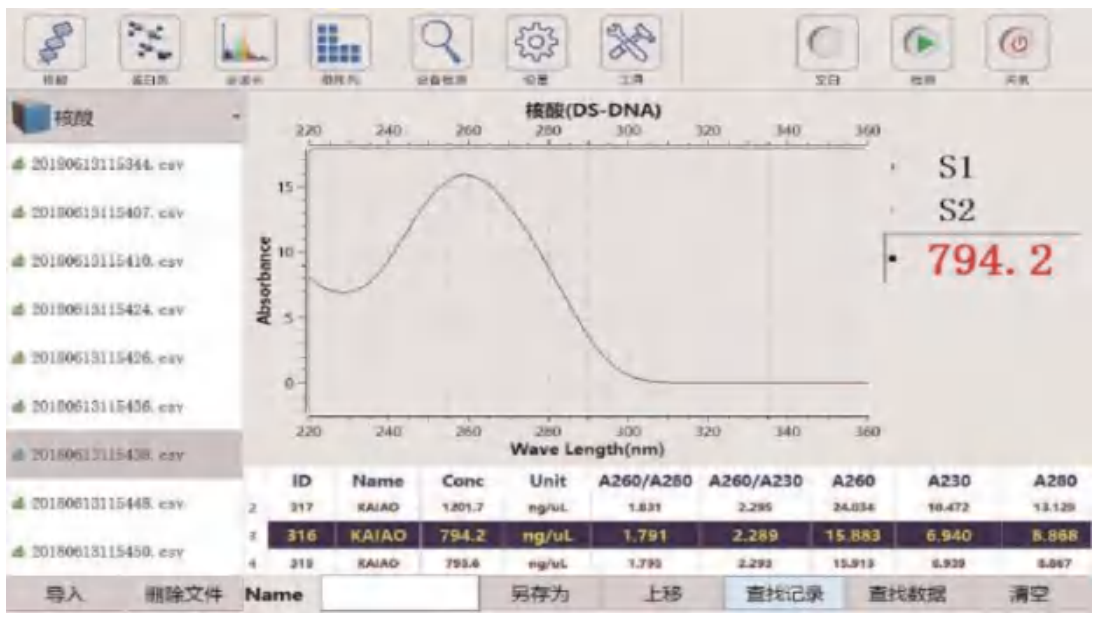
DRAWELL
Artist of Science

DW-K5600C Micro Spectrophotometer

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. Platform material: stainless steel and quartz fiber.
2. No need to warm up, start testing at any time.
3. Built-in fiber to avoid fiber breakage caused by external force collision, resulting in chaotic measurement results
4. Instrument control and operation: built-in win10 system, built-in 7-inch high-definition display, full touch operation.
5. 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.
6. Data output port: 2 USB ports, which can be connected to various devices such as mouse, keyboards, desktop computers, etc.
7. Built-in Bluetooth, WIFI, available to remote operation and print results data wirelessly.





Specifications

Optical path	**1/0.5/0.05mm automatic conversion**
Optical range	**190-1100nm**
Sample volume	**0.3-2.0μl**
Light source	**long life xenon lamp**
Detector	**3864 linear CCD array**
Wavelength scanning range	**190-850nm**
Wavelength accuracy	**±1nm**
Wavelength resolution	**2nm (FWHM Hg 546nm)**
Absorbance accuracy	**0.002Abs**
Absorbance accuracy	**1% (0.76 absorbance at 350nm)**
Absorbance range	**0.002-300Abs (equivalent to 10mm optical path)**
Nucleic acid range	**0.4-15000 ng/μl (ds-DNA)**
Protein range	**0.01-400mg/ml (BSA)**
Detection time	**less than 3s**
Machine size	**20x30x20cm**
Weight	**3.5kg**

K5600C cuvette parameters	
Cuvette wavelength range	200nm-850nm
Trial cuvette specifications (light path)	1/2/5/10mm
Cuvette minimum volume	50μl
Sample level height	5mm
Type	Recyclable micro cuvette
Cuvette darkroom	standard cuvette darkroom, suitable for multi-size cuvettes





