

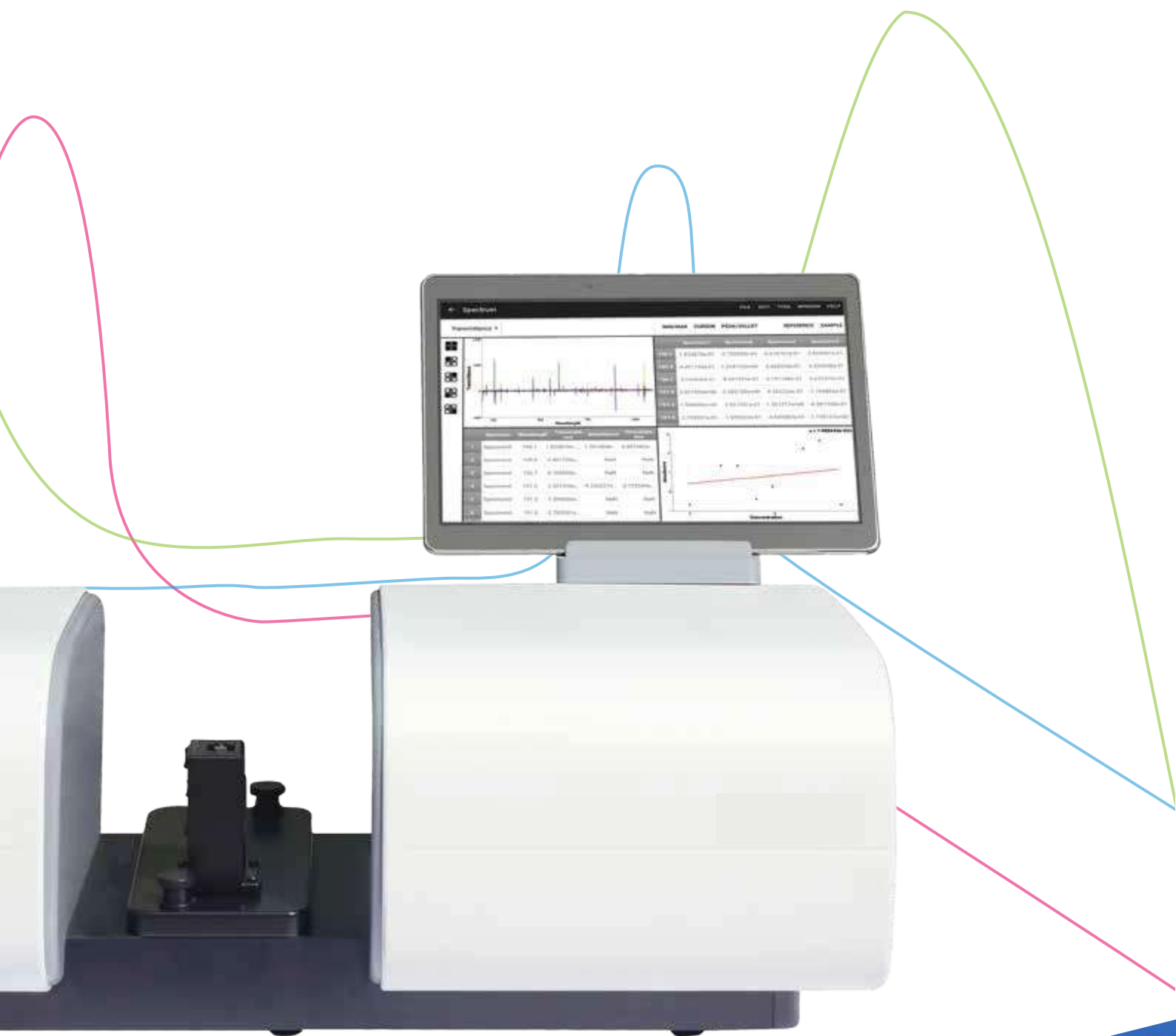


UV/VIS PDA SPECTROPHOTOMETER (Model:-6011)



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SMART

PDA SPECTROPHOTOMETER

BYOD (Bring Your Own Device) trend

Compatible with BYOD Android
 Supports the Bring Your Own Device (BYOD) trend.
 Compatible with Android-based tablet software.



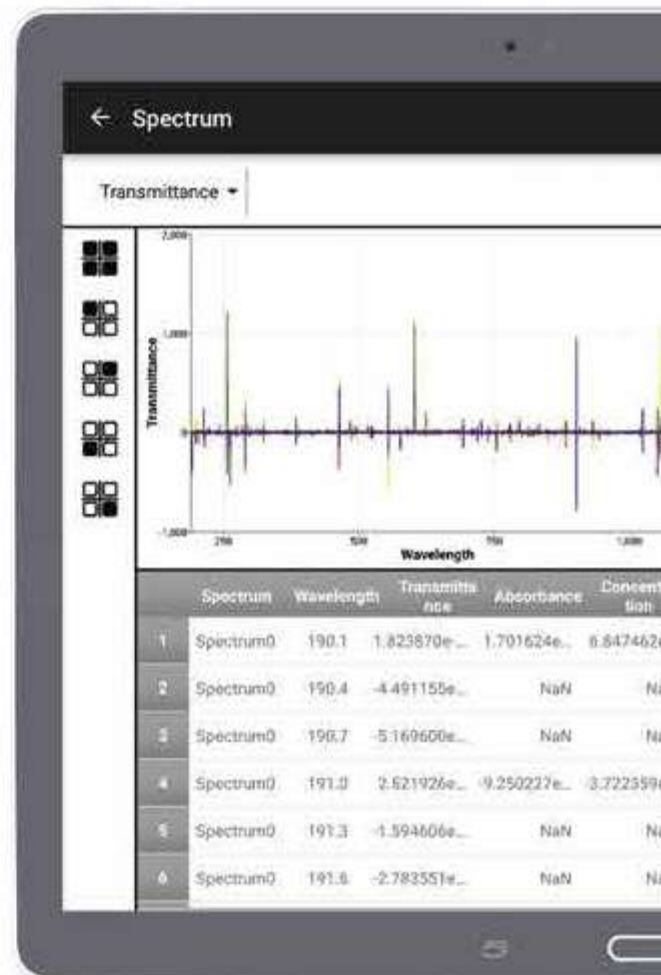
Multi Touch Screen

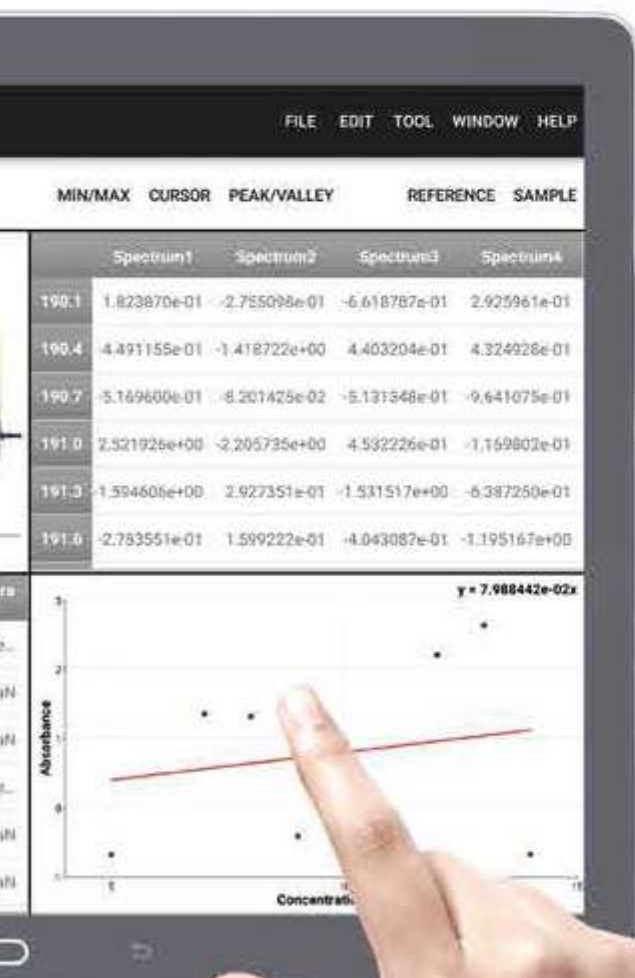
No need to find and press buttons.
 Touch-screen for direct controls.



PDF and Excel File Conversion

Immediately convert analyzed data into
 PDF or Excel files.





Online Upgrade and Self-diagnosis

Perform a self-diagnosis.
Upgrade data online.



User-defined Data Tables

Make your own screen settings
to configure data tables.



Easy-to-create Standard Curves

Use a measurement spectrum to
create standard curves conveniently.



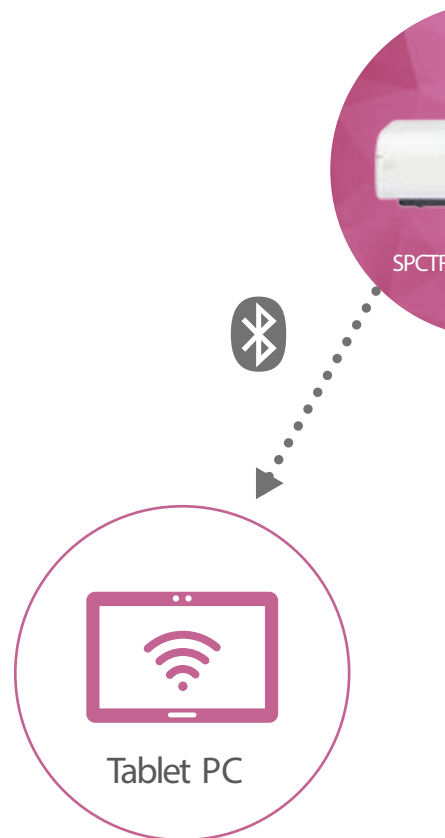
A Variety of Software for Data Sharing

Use software to share data and
manage table files.



COMPATILITY

PDA SPECTROPHOTOMETER



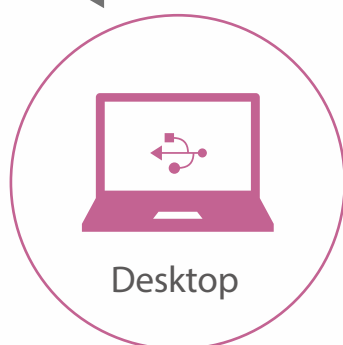
Easy-to-use Functions

- Intuitive user interface
- Desktop-tablet data compatibility
- Large color touch-screen for tablets (Galaxy Tab 10.1")



Efficient Networking

- Supports tablet cloud printing
- Supports tablet Bluetooth connection
- Supports Windows-based desktop software (Windows 7, 8, 8.1, 10)



Software :

- Data archived into a secure database
- Multilevel user permissions, administrator, method developer, analyst and reviewer.
- Pass word protected access control with password aging and expiry
- Method-lock facility, ensuring methods can't be overwritten and all revisions are saved in a single location
- Fully configurable e-signature points, allowing you to remain paperless without compromising security





SUPERIOR

PDA SPECTROPHOTOMETER

Quick Measurement Button

Press the button on the exterior for a quick and convenient measurement.



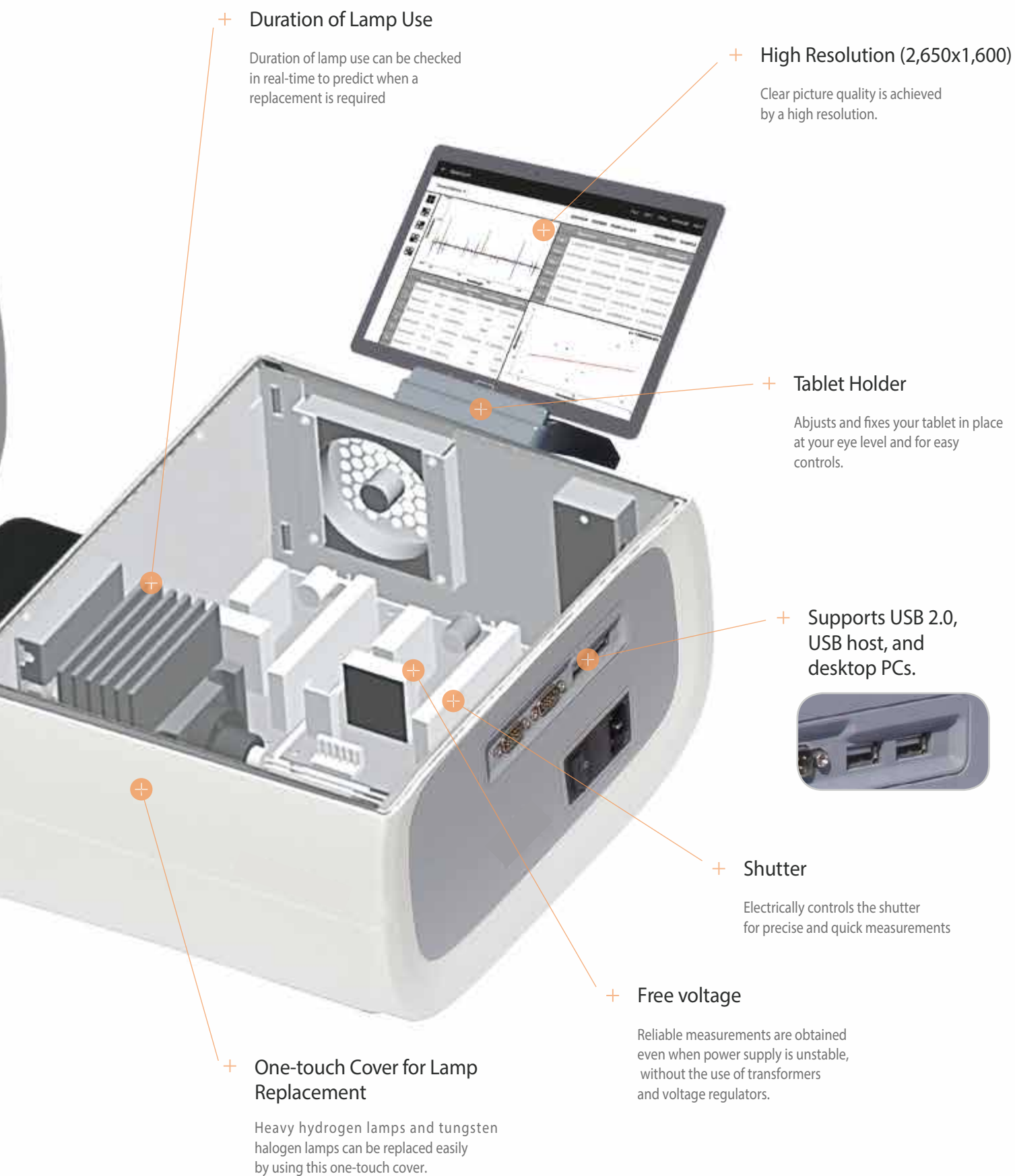
Quartz-coated Optical Parts

High-precision optical parts are quartz-coated for protection from contaminants and a longer lifespan.

Cell Holder Replacement Tray

Screws can be removed by hand for a convenient replacement of the cell holder.





ACCESSORIES

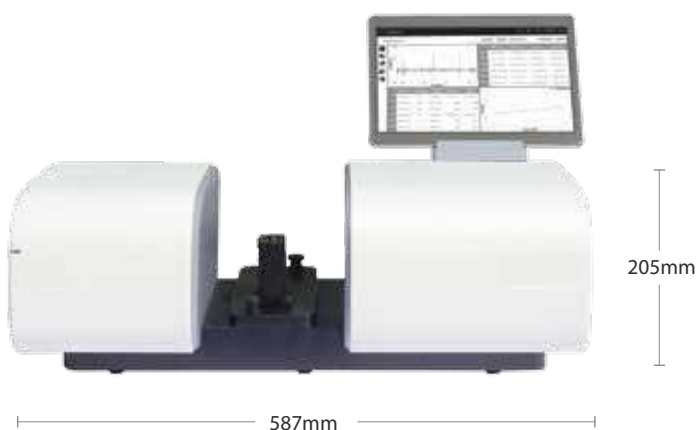
PDA SPECTROPHOTOMETER



- 01 Long Path Cell Holder**
A single cell holder used to measure samples of a minute concentration by increasing the path length.
- 02 Film Cell Holder-Small**
A cell holder for measuring solid samples of a smaller size. Fits in the multi cell holder for an analysis of multiple samples at the same time.
- 03 Film Cell Holder-Wide**
A single cell holder for measuring solid samples permeable by light, such as optical film and slide glass.
- 04 Round Cell Holder**
A single cell holder used for an analysis using a test tube. (Test Tube Depth: 16mm/25mm, Test Tube Height: ≤100mm)
- 05 Micro Volume Cell Holder**
A single cell holder used for samples of 500 μ l or less. (Path length: 10mm, Center Height: 15mm)
- 06 Temperature Cell Holder Water/Oil Circulator Type**
A device that uses a water circulator to control the temperature of the sample cell holder. Temperature range depends on circulator specs (sold separately).
- 07 Sipper System**
Transfers sample of a substantial volume to the flow-through cell for a series of tests. Performs RS-232C communication control.
- 08 Peltier Control System-Temperature Cell Holder**
Precisely controls the temperature (Peltier effect) of the sample cell holder containing a sample of a substantial volume. (Temperature Control Range: 5~85 $^{\circ}$ C, Temperature Accuracy: $\pm 0.5^{\circ}$ C, Temperature Control Precision: $\pm 0.1^{\circ}$ C)
- 09 9 Sample Multi Cell Holder**
A cell holder for measuring nine samples at the same time.

Customized Cell Holder

- * Customized cell holders to meet individual customer needs are available.
- * Some items may be placed on back-order.



Specification

Photometric System	1024 channel Photodiode Array
Type of sample cell	Quartz
Spectral Bandwidth	<1nm
WaveLength Range	190 - 1100nm
WaveLength Accuracy	<±0.5nm with holmium oxide solution
WaveLength Reproducibility	<±0.01nm
Photometric Accuracy	<±0.005 AU
Photometric Stability	< 0.001AU/ h
Photometric Noise	0.001 AU
Stray light	220nm <0.05%T
Scanning time	20ms/scan
Typical Scan Time	2 S [Full range]
Light Source	Tungsten-Halogen Lamp & Deuterium Lamp
Standard Cell Holder	Single Cell
Other Interface	USB & Bluetooth
Detector	1024 channel Photodiode Array
Line Voltage	90 - 264VAC
Line Frequency	47 - 63Hz
Dimension [mm]	587 X 315 X 203 (mm)
Operating System	Windows / Android
Weight	1452k g
Sampling area	Large open sampling area for a broad range of solid and liquid sampling accessories
Ambient temperature range	5-40°C
Humidity range	10-80%

►►► Regulatory compliances



►►► Corporate Social Responsibility

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Analytical
Foundation

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