



JiYuHub

Laboratory Analytical Instrument Series



Visible Spectrophotometer

DP8600

Nanjing Jiuyuhui Environmental Technology Co., Ltd.
www.jiuyuhub.com

Product Overview

The DP8600 employs imported grating detection technology with an imported tungsten lamp and detector. Wavelength range 320-1100 nm with ± 0.5 nm accuracy. The 7-inch color touch screen supports 70+ built-in standard curves for COD, ammonia nitrogen, total phosphorus, total nitrogen, and more, with direct concentration readout. Widely used in environmental monitoring, food, pharmaceutical, chemical, and educational sectors.

- Imported Grating & Lamp
- 7" Touch Screen
- 70+ Curves
- Direct Readout
- RS-232/USB

Key Features



Imported Optical System

Grating detection + imported tungsten lamp + imported detector for precision.



7" Color Touch Screen

Chinese/English menus, intuitive operation for all user levels.



70+ Built-in Curves

Standard curves for COD, ammonia nitrogen, total phosphorus, total nitrogen.



Flexible Cuvette Options

Cuvettes/tubes (O16/O25 mm); optional 5 cm and 10 cm holders.



Large Data Storage

10,000+ records, USB + RS-232 interface, LIMS-ready.



Multi-Mode Measurement

Photometric, quantitative, standard curve, kinetics, and scanning.

Technical Specifications

Parameter	Specification
Model	DP8600
Operation Modes	Transmittance (%), Absorbance & Concentration
Light Source	Tungsten lamp
Wavelength Range	320-1100 nm
Wavelength Accuracy	± 0.5 nm
Wavelength Repeatability	0.3 nm
Wavelength Selection	Automatic
Stray Light	$<0.05\%T$
Bandwidth	2 nm
Absorbance Range	0-4 A
Display	7-inch color touch screen
Built-in Curves	70+
Data Storage	10,000+ records
Data Output	USB, RS-232
Cuvette Options	Cuvette / test tube (O16/O25 mm)
Power Supply	AC220V $\pm 10\%$ / 50Hz

Rated Power	100 W
Dimensions	480x460x210 mm
Operating Environment	5-40C, <85%RH (non-cond.)

Typical Applications

- ▶ COD/ammonia/TP/TN colorimetric analysis at environmental stations
- ▶ Quantitative testing of additives and nutrients in food industry
- ▶ Quality control of raw materials in pharmaceuticals
- ▶ Impurity and concentration testing in chemical industry
- ▶ Teaching experiments and research at universities

Ordering Guide

Product Code	Description
DP8600	Main unit + power cord + USB cable + manual

Accessories / Consumables

Accessory	Code	Specification
5 cm Sample Holder	-	Optional
10 cm Sample Holder	-	Optional
Quartz Cuvette	-	Optional
Glass Cuvette	-	Optional

Why Choose Jiuyuhub

**Application-First Matching**
Recommendations based on your actual operating conditions.

**Southeast Asia Adapted**
Optimized for tropical, high-temperature, high-humidity environments.

**One-Stop Supply**
Water quality, fluid control, and flow measurement instruments.

**24-Hour Response**
Fast response to inquiries and technical support.

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