



AN-UV-7000N

AN-UV-7000N is a wide screen double beam spectrophotometer. They adopt double beam long light path design to ensure the stability and accuracy.

Features

Light path design: double beam

AN-UV-7000N series' double light path design can prevent circuit fluctuation and stray light to ensure stability of the instrument.

Long path light design

AN-UV-7000N series' unique 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm.

16mm optical base

AN-UV-7000N series use a rigid 16mm diecast aluminum base as their optical mount to ensure the stability and reliability.

6 inches LCD display

AN-UV-7000N series have a 6 inches LCD display to show results and curves directly on the screen.

Powerful software functions

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein testing can be operated directly on the spectrophotometer and all corresponding curves and data can be displayed directly on the PC.

Multi functions on spectrophotometer

Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/Protein test.

Perfect calibration system

Technical Specifications

Specifications	AN-UV-7000N
Optical System	Double Beam (1200 Lines/mm Grating)
Wavelength Range	190-1100nm
Bandwidth	0.5,1.0,2.0, 4.0 nm
Wavelength Accuracy	±0.1nm
Wavelength Readability	0.1nm
Photometric Range	± 4 Abs
Photometric Accuracy	± 0.005 Abs
Photometric Repeatability	±0.002 Abs
Stability	± 0.001A/h @ 500nm
Baseline Flatness	± 0.0015 Abs
Noise	± 0.00005 Abs
Stray Light	≤0.02% @ 220nm,360nm
Data Output Port	USB
Printer Port	Parallel Port
Display	320*240 Dots LCD
Lamps	D2 Lamp & W Lamp
Detector	Silicon Photodiode
Power Requirements	AC 220V/50Hz
Dimension	625*430*206mm
Weight	32kg

Ordering Information

Order Code	Description
AN-UV-7000N	UV- Vis Spectrophotometer, double beam with 1cm glass cuvette (4 pcs), 1 cm quartz cuvette (2 pcs) , power cord AC 220V/50Hz dust cover and software

