

Simple, Effective, Efficient

The Vision 3041 spectrophotometer features a 7-inch touch-screen for convenient stand-alone use in the laboratory. The large touchscreen allows users to easily view and analyze results without connecting the instrument to a computer. With its 1200 line/mm grating, the Vision 3041 can measure samples over a wide wavelength range directly.

The Vision 3041 spectrophotometer allows full functionality and operation directly from the instrument's icon-driven graphic user interface. Users can access all measurement modes, including reads, scans, curves, and kinetic tests, without the need for an external computer.



Overview

190 - 1100 nm wavelength range

1200 line grating for superior accuracy

1.8nm bandwidth for Improved resolution of peaks

7 inch color touchscreen shows results and curves directly on the screen

One matching pair 1Q-10 Quartz Cuvettes included



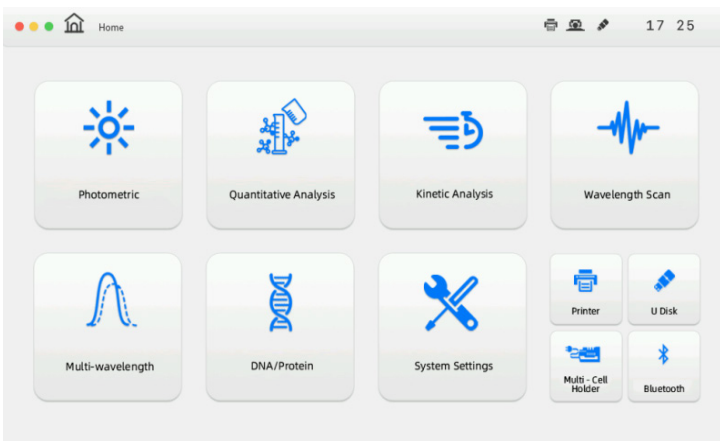
Matched pair or 10mm Quartz Cuvettes

Features

Our large 7" graphical user interface is easy to operate and features snappy performance.

Access setting, accessories and modes with the tap of a finger.

GMP and 21 CFR part 11 compliant software, CE certified.



Vision 3041

UV-Visible Spectrophotometer

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Features

- The Vision 3041 uses a rigid 8mm die-cast aluminum base as its optical mount to ensure instrument stability and reliability.
- Multi functions like spectrum scanning, standard curve, kinetics, multi-wavelength, DNA/RNA
- Protein testing can be performed directly on the 3041 and all corresponding curves and data can be displayed directly.
- Data output Vision 3041 is equipped with USB port or Bluetooth to connect with a PC to display spectrum scanning, kinetics and multi-wavelength testing results on the screen.
- Optional Software for LIMS and CFR 21 Part 11 compliance.

Technical Specification

Model	Vision 3041
Wavelength Range	190-1100nm
Bandwidth	1.8nm
Wavelength Accuracy	± 0.5nm
Wavelength Repeatability	≤0.2nm
Photometric Accuracy	±0.3%T (0-100%T); ±0.002Abs (0-0.5Abs); ±0.004Abs (0.5-1.0Abs)
Photometric Repeatability	≤0.1 %T (0-100% T); ≤0.001Abs (0-0.5Abs); ≤0.002Abs (0.5-1.0Abs)
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Stability	±0.002A/h @ 500nm
Baseline Flatness	±0.002Ah
Noise	±0.0005A
Stray Light	<0.05%T @220nm, 360nm
Data Output Port	USB or Bluetooth
Printer Port	USB or Bluetooth
Display	7" Color Touchscreen
Lamps	Tungsten Lamp & Deuterium Lamp
Detector	Silicon Photodiode
Power Requirements	110V/220V, 50/60Hz
Dimension	18 x 15 x 7 inches
Weight	44LBS