

The Vision 1041 carries on the Nwspec tradition of building robust & reliable spectrophotometers.



Overview

Wavelength range 325-1000

Bandwidth 2nm

Manual 4 cell changer

1200 line per mm grating for excellent 0.1nm resolution

Features

- The vision 1041 has a 1200 line grating which gives it high resolution, high accuracy and low stray light.
- Large sample compartment for up to 100mm long-path length cells.
- Easy to read LCD display for reading absorbance, concentration and transmission.



Vision 1041

Visible Spectrophotometer

v1

Simple, Effective, Efficient

More Features

- One touch Auto-Zero and 100% Transmission adjustment.
- USB port for optional PC control.
- Optional micro-printer for time stamped data printing.
- Compact design small foot print / lightweight, limited work top space.
- Three Display Modes absorption, transmission, concentration.
- Complete line of optional sampling accessories available.

Model	Vision 1041
Optical System	Single beam, grating 1200 lines/mm
Wavelength Range	325-1000nm
Bandwidth	4nm
Wavelength Accuracy	±2nm
Wavelength Repeatability	0.5nm
Wavelength Resolution	0.1nm
Photometric Accuracy	±0.5%T
Photometric Repeatability	≤0.2%T
Photometric Range	-0.3-3A, 0-200%T, 0-9999C
Photometric Mode	T,A,C,F
Stray Light	≤0.1%T
Stability	±0.002A/h @ 500nm
Display	128*64 LCD
Detector	Silicon Photodiode
Light Source	Tungsten Lamp
Output	USB serial and printer port
Power Requirements	110V
Dimension	16.5x11.7 inches
Weight	22LBS

Standard Accessories

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	Dust Cover	1	pcs

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Compatible Accessories



Round
Tube Holder



Fixed
Transparent
Film Holder



4-Position
Cell Holder