

Simple, Effective, Efficient

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

Our touch-button controls are easy to use with gloves. The easy to read LCD displays reading in real time.



## Overview

Wavelength range 325-1000 nm

Bandwidth 4nm

1200 line per mm grating for excellent 0.1nm resolution

One matching pair 10 mm Glass Cuvettes included

## 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.



**FREE**

Matched pair or 10mm  
Glass Cuvettes

# Vision 1041

## Visible Spectrophotometer

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### 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 | 2        | pcs  |
| 3    | Power cord        | 1        | pcs  |
| 4    | User's Manual     | 1        | pcs  |
| 5    | Dust Cover        | 1        | pcs  |