

VELAB™



VE-5000V

Spectrophotometer range Visible

The Visible Light Spectrophotometer, VELAB (VE-5000) is a simple, reliable and economical instrument, ideal for use in educational laboratories and quality control. Easy to use and very precise. Its display is easy to see from any distance.

Velab, Co.

USA

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SPECIFICATIONS

WAVELENGTH RANGE

325 - 1000 nm.

BANDWIDTH

4nm.

OPTICAL SYSTEM

Single beam, 1200-line diffraction grating.

LAMBDA ACCURACY

± 2 nm.

LAMBDA REPEATABILITY

1nm.

PHOTOMETRIC ACCURACY

$\pm 0.5\%$ T.

PHOTOMETRIC RANGE

- 0.097 - 1.999 A, 0 - 125% T.

DIFFUSE LIGHT

- 0.2% T, at 340nm.

STABILITY

± 0.002 A / h at 500nm.

GRAPHIC DISPLAY

LED (4 bits).

KEYBOARD

Membrane

PHOTOMETRIC METHOD

Transmittance, Absorbance, Concentration, Factor.

DETECTOR

Silicon photodiode.

SAMPLE BEHAVIOR

Can accommodate a standard cell with a 10 mm trajectory length.

LIGHT SOURCE

Tungsten lamp.

POWER REQUIREMENT

Ca 110-240V, 50/60 Hz.

WEIGHT

8 kg.

