

# 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

$\pm 2$  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

$\pm 0.002$  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.

