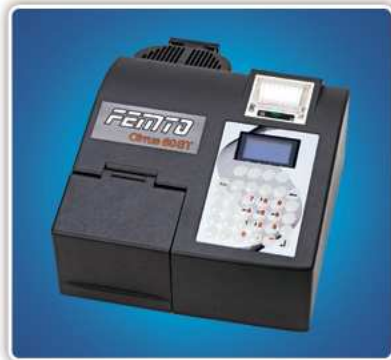


CIRRUS 60ST SPECTROPHOTOMETER**Main Specifications**

Automatic VIS Scanning, double beam for measurements of sample and blank simultaneously, display and printer

Wavelength range: 325 to 1100 nm

Spectral bandwidth: 3 nm

Wavelength increments in 0,1 nm

Sample compartment: holder for 2 square 10 mm cells

Detectors: 2 silicon photodiodes

Graphic display: 128 x 64 pixels, with backlight

Printer: graphic, thermal, 203 dpi, 58 mm (paper width)

Monochromator: Wadsworth; diffraction grating: 1200 lines/mm

5 Optical filters with automatic change

Wavelength accuracy: +/- 2 nm from 401 to 1100 nm

Stray light: 0,1%T at 220 and 340 nm

Scanning speed: 325 nm/min (interval: 5 nm)

Photometric range: Absorbance: -0,3 to 3,0 Abs

Transmittance: 0 to 200% T

Photometric accuracy: 0,005 Abs from 0,0 to 0,3 Abs

Photometric noise: 0,002 Abs at 0,0 Abs

Drift: 0,003 Abs/hour

Keyboard: 30 alphanumeric keys and more 4 function keys

Lamp: tungsten-halogen 2000 hours

Interface: Serial RS 232C

Power requirements: 90 ~240 V (+/- 10%) automatic selection of voltage; 50/60 Hz; 120 VA

Dimensions: 35 W x 44 D x 20 H (cm)

Net Weight: 8 Kg

Total Weight: 12 Kg

Manual and display: Portuguese, Spanish and English

Software: FEMWL 80ST-R1

- Graph of Absorbance x Wavelength
- Graph of Linear regression
- Upload results via serial interface to PC (Microsoft-HyperTerminal - Windows XP)
- Can store up to 203 methods (3 defined methods and new 200 methods can be created)
- Can store the last 500 results

Standard Accessories

10 Thermal paper rolls for printer

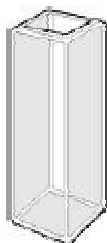
1 Dust Cover

1 Main power cable

1 CD - Installation and Operation Manual

Optional Accessories Or Spare Parts

Description	Code
Peltier temperature controlled 10 mm cell holder. Temperatures 25, 30 and 37° (+/- 0,2°C). Kinetic program	50.014
Kit of 10 thermal paper rolls for printer	50.009
W lamp in holder pre calibrated	50.001
Quartz ultra micro 50 µl cell 10 mm path length	10.263
Optical glass cell, square, 10 mm path length	10.033
Serial converter cable / USB	00.971



10.033



10.263

Subject to change without notice
Illustrations do not represent the actual size