



Upgraded Model

CB 166(A)



PC Based Visible Spectrophotometer

### Salient Features

#### + MICROPROCESSOR CONTROLLED,

Microprocessor controlled, CB 166 (A) can realize auto Zero and auto 100% T adjustment with one push-button.

CB 166 (A) has a LCD display for direct readout of Transmittance, Absorption, and Concentration.

#### + GRATING MONOCHROMATOR

CB 166 (A) uses 1200 line grating which ensures high resolution, low stray light and parameters accuracy.

#### + DATA OUTPUT

CB 166 (A) is equipped with USB port which can be connected to PC to edit data through specific software (Optional) Data can also be printed through a parallel port connected to a micro printer.

#### + COMPACT DESIGN, EASY TO CARRY

The compact design of CB 166 (A) saves bench space while all components function remain performed like 120mm wide sample compartment and long optical path monochromator

#### + DISPLAY MODE

CB 166 (A) can display absorption, transmittance, concentration and coefficient directly by different mode switching. Large sample compartment, it can accommodate 5-100mm path length cuvettes with optional holders

## Visible Spectrophotometer

SPECIFICATIONS	Model	CB 166 (A)
	Make	Chem Bioteck
	Optical System	Single Beam, Grating 1200lines/mm
	Wavelength Range	325-1000nm
	Spectral Bandwidth	4nm
	Wavelength Accuracy	±2nm
	Wavelength Repeatability	±1nm
	Photometric Accuracy	±0.5%T
	Photometric Repeatability	±0.3%T
	Photometric Mode	T.A.C.F
	Stray Light	≤0.3%T
	Stability	± 0.002A/h
	Display	LCD
	Detector	Silicon Photodiode
	Output	USB Port & Parallel Port (Printer)
	Light Source	Tungsten Halogen Lamp
	Power Supply	AC 220V/50Hz
	Dimension (LxWxH) mm	420x280x180mm
	Weight	8kg

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES	Software	1 pc.
	10mm Glass Cuvette	4 pcs.
	Power Cord	1 pc.
	Instruction Manual	1 pc.
	Black Block	1 pc.
	Dust Cover	1 pc.



### — ADDRESS —

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