

# Meditech®

**AUTOMATIC ELISA PLATE READER, MTER 02,  
MODEL: CB-2000**



**Built in Stabilizer**

**Built In Shaker**

**On Screen Plotting**

**8 Seconds for 96 wells**

**Touch Screen**

## Features

Robust System with built in Stabilizer

Built in Shaker with variable speed and duration  
Results printing in Matrix Mode Format

Option to run Multiple Blank in cut-off mode

Bichromatic readings

Ability to read from any strip in a single plate

Extensive curve plotting

Unique circuitry for long life of lamp

Facility to enter clinic name

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**Lab, Pharmacy, Medical and Blood Bank Equipments Division**

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## AUTOMATIC ELISA PLATE READER, MTER 02

Human machine Interface	Touch panel/ keypad
Linear Measurement range	0.000 to 3.500 Absorbance Units
Photometric Accuracy:	±2% or 0.007 whichever is higher, from 0 to 1.5 A ±3% from 1.5 to 3.5 A
Drift	<0.005 A/hr
Photometric Linearity	2.5 A
Optical Measurement	8 Channels
Type of filter	Narrow Band Interference
Wave Length	405nm, 450nm, 492nm, 630nm and four optional
Half Bandwidth	10nm ± 2 nm
Selection	Automatic By stepper motor
Light Source	Tungsten Halogen Lamp, 20 watts
Warm up time	90 seconds (built in)
Display	6" Graphic LCD, Negative Blue, STN
Curve Plotting	Graphical Representation on printer
Plate Carrier Movement	Precisely through the stepper motor
Printer	Built in thermal printer with 52 columns
Memory	Battery Back up for 250 tests and more than 2500 results
Analysis Mode	Absorbance ( Normal and differential) Cut-off, multi standard, % absorbance Single Standard, uptake, kinetic
Connectivity RS232 Serial Port	9600 baud, 8 data, 1 stop, no parity bit/ USB
Wattage	75 watts
Voltage	115-230 volts ±10% 50/60 Hz
Operating Conditions	From -18 to 35 upto 95% RH
Storage Conditions	From -10 to 40 upto 95% RH
Enclose	ABS Fire Retardant
Size, cm	36x36x22 ( lxbxh)
Weight	10 kgs

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