



Since 1969

**J. Mitra & Co. Pvt. Ltd.**

*.....a vision to serve mankind™*

# **ER-181s**

## *Microplate Reader*



TOUCH SCREEN

INTERNAL PRINTER

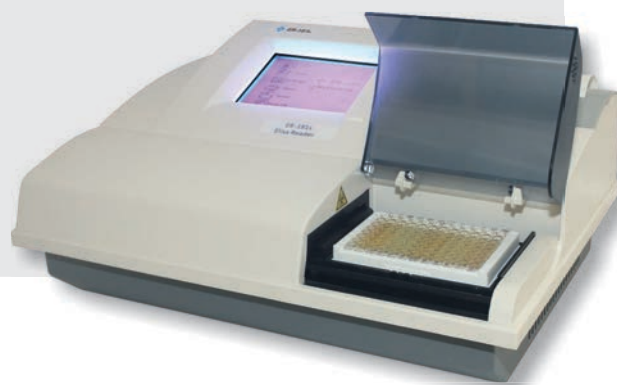


### **Features**

- ☞ User friendly Windows operation system with touch screen and large LCD display
- ☞ 8-channel optical fiber system
- ☞ Bichromatic measurement including 4 PL method for Quantitative tests
- ☞ Storage Capacity: 100 test protocols and 10,000 Sample records
- ☞ Auto self-check, Lamp sleeping and wake-up function
- ☞ Multi-assay: Up to 12 different assays on one plate
- ☞ In-built thermal printer for printing test results
- ☞ Easily Programmable for Qualitative & Quantitative tests
- ☞ Multiform result output including patient comprehensive report
- ☞ Compatible with PC for data management

# ER-181s

## Microplate Reader



### System Specifications

Absorbance Range	0.000-4.000A
Resolution	1.001Abs (display), 0.0001 Abs (calculation)
Light Source	Halogen lamp
Wavelengths	405, 450, 492, 630nm, 4 more filters optional
Wavelength Accuracy	± 2nm
Band width	<8nm
Calculation Method	ABS, Cut-off, Single Standard, Curve, Multi-Percent, Linear regression Index regression, Logarithm Regression, Power Regression, etc
Accuracy	0-2.0A: ±1.0% or ±0.007A
Reading Speed	<5 seconds in continuous mode for 96 well plate (single wavelength)
Shaking plate	Shaking time and speed adjustable
Memory	Upto 100 programs and 10,000 test results
Interface	USB port, SD Card slot, RS-232 & RJ45 interface
Display	6" LCD (with touch screen function)
Input	Touch panel or mouse
Output	In-built printer (Additional printing option of attaching external printer)
Net Weight	7.5 Kg.
Dimensions	L x W x H (mm): 455x330x200
Power Supply	AC 220V, 50HZ
HIS & LIS compatibility	HIS & LIS compatible with application support
Data Protection	Auto back up in case of power outage

Also Connect with us on:



For further enquiries, Please contact:

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