

## Specifications

### Micro plate Absorbance Reader / Elisa Reader

Approx. cost of instruments: 250000/-

- 100/240 V, Includes reader, built-in plate shaker, onboard software and thermal printer, one roll printer paper, USB , power cables, spare fuse, dust cover.
- six standard filters- 415,450,490,595,655 and 730nm
- Wavelength range, nm: 400-750
- Number of filters accommodated: 8
- Programmable software
- Printer: Inbuilt
- Plate Shaker: 3 speed (low/mid/high)
- FDA registration: Medical device
- 96 well plate format
- Photometric range: 0.0–3.5 OD
- Linearity:  $\leq 1.0\%$  from 0.0–2.0 OD;  $\leq 2.0\%$  from 0.0–3.0 OD
- Accuracy:  $\leq 1.0\%$  or 0.010 from 0.000–3.000 OD at 490 nm
- Precision: 1.0% or 0.005 OD from 0.0–2.0 OD; 1.5% from 2.0–3.0 OD
- Resolution: 0.001 OD
- Duration, sec: 0-999
- Read time: 6 sec at single wavelength, 10 sec at dual wavelengths
- Data output: Onboard graphical thermal printer and USB2 interface with PC or Mac data stations
- Data storage: Calender/clock functions; 64 assay protocols.
- System should meet as per European/international safety norms
- Company should be ISO certified

### Other terms and conditions

1. Installation & Fitting included
2. System should be provided with at least two year warranty and AMC.
3. On sight training by company expert annually for a period of two years.
4. Price should be F.O.R at university store
5. The university is registered with Department of Scientific and Industrial Research (DSIR) for custom duty and central duty exception. The require certificate will provide to successful bidder.

  
 31/12/12