

Sealed Quotations are invited from interested suppliers for the supply of “Microplate Spectrophotometer” as per specification given below. Quotations should reach to the address given below latest by 26<sup>th</sup> December 2011, with all details like validity of quotation, FOB price, FOR Kanpur price, Payment terms etc.

### Microplate Spectrophotometer

#### Required Specification

Should Read	:	6-, 12-, 24-, 48-, 96-, 384 well plates.
Compatible	:	With quartz based tool that can measure up to 16 samples Simultaneously from just 2 $\mu$ L sample volumes
Applications	:	Nucleic acid quantification, Protein quantification, Cell Based Assays Micro-volume assays EIAs/ELISAs, Enzyme kinetics.
Light Sources	:	Xenon Flash Lamp.
Wavelength selection:	:	Monochromator, selectable in 1 nm
Wavelength range	:	200 – 999nm
Temperature control:	:	Incubation from ambient+4 C to 65°C $\pm$ 0.5°C at 37 °C.
Shaking & frequency.	:	Linear and Orbital and user programmable timing
Pathlength Correction:	:	Should automatically normalize absorbance to standard Cuvette, equivalent pathlength of 1cm, for direct quantification.
Software	:	For all applications in absorbance based experiments
Cuvette	:	A standard stoppered cuvette can also be measured.
Sample Volume	:	Minimum 2 $\mu$ L
Detection Limit	:	Approx 2 ng/ $\mu$ L

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