


Revised Specification of Flowcytometer Analyser for Corrigendum

(Si. No: 21). Flowcytometer Analyser

1. Should be equipped with a Solid State 488 nm Laser & Solid State 638/635 nm Laser & a 405 nm Violet laser.
2. Must be able to perform minimum 10 fluorescence colors & 12 parameters (with capability of the minimum 552 fluorescence parameters from blue laser) along with Forward and Side Scatter simultaneously
3. The equipment should have flexibility of forward scatter light collection at multiple angles to allow analysis of small sized particles, large particles & submicron particles with greater sensitivity
4. Should have Sample acquisition rate of at least 25,000 events per second or more
5. Optical filters should be easily changeable by user without having to call service engineers
6. Must have Compensation capability between all fluorescence channels manually and through auto compensation
7. Must have the provision of inbuilt individual tube vortexing or carousel vortexing before sample acquisition, also have biohazard contained wash station for thorough rinsing of sample probe.
8. Must have integrated bar code reading to identify Carousel number & tube location
9. Must have an inbuilt temperature control mechanism to regulate internal temperature of flow Cytometer to a custom setting specific to the laboratory ambient temperature. The equipment must be supplied with appropriate and latest configuration workstation.
10. Software: PC controlled Windows based software capable of both online and off-line analysis. Software should display and control instrument processes.
11. The equipment should be supplied with UPS of appropriate electrical specifications.
12. The equipment should be supplied with compatible desktop computer for offline analysis.
13. The company should have direct presence in India and a training centre to have better after sales/service & application support.
14. Quoted model should have at least 05 installations in India.
15. Warranty: 3 years from the date of installation


04/12/15
HEAD
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