



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

PR No. 100036070 Rfx No. 6100001693:

Detailed Technical Specifications of Syrixus 500X High Pressure Syringe Pump
(Qty: 1 Nos):

| Sr. No. | | Compliance (Yes/No) |
|----------------|---|----------------------------|
| I | <p>Syringe Pump</p> <ol style="list-style-type: none">1. Barrel Capacity: 500 ml or more.2. Flow Range: 0.001 to 200 ml/min or more.3. Pressure Range: 345 Bar or more4. Operating Temperature Range: 5 – 40 Degree C Ambient5. Superior Operating Temperature: Facility to work up to 200 Degree C with optional accessories6. Flow Accuracy: 0.5% of the set point.7. Displacement Resolution: 31 nL/stop or better.8. Standard Pressure Accuracy: 0.5 FS.9. Wetted Material: Hastelloy/Nitronic 5010. Power: 100-220VAC, 50 or 60 Hz.11. Display: LCD Display12. Controller: Standalone keypad controller. Single controller should be able to control 4 individual pumps through the control cables.13. Software drivers for data acquisition and supervision facilities.14. Controller should have facility to program flow & pressure gradient w.r.t time.15. Spare: - seal kits, rupture discs (If any).16. Inlet & outlet connector with manual valve | |

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| | <p>17. one year warranty from date of installation.</p> <p>18. Three years AMC after one year warranty will be included with equipment at no extra cost</p> <p>19. Demonstration of the quoted unit with our sample to be given in our lab</p> <p>20. Provide customer list and contact information of customer regarding installation in Mumbai and India</p> | |
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