

Annexure – 01

Technical Specification for Truelab[®] Quattro Real Time Quantitative micro PCR Analyzer
 Fully automatic Real Time Quantitative micro PCR analyzer, Four channel-three wavelength system, performs 40–48 tests in 8 hours.

Specification	Details
Principle	Patented real-time micro PCR
Optics	Fluorescence, Three Wavelength
Throughput	4 chip - Random access
Interface	Wi-Fi, 3G, Bluetooth
Calibration	Auto-calibration
Memory	20,000 test results
Operating environment	Temperature: 15-40°C, RH: 10-80%
Display	Capacitive 5" Touch Screen
Printer	External 2" Bluetooth Thermal Printer
Power	Rechargeable Lithium Ion Battery Pack: 7.4 V; 8.7 Ah. Input to AC/DC adaptor: Single Phase 100-240 V; 47-63 Hz; 1.35-0.53 A Output from AC/DC adaptor: 10 V; 4.5 A; 45 VA. If the input specifications in your country do not meet the above requirements, please contact your local Molbio representative.
Weight	5.2 kgs
Size	400 mm x 242 mm x 159 mm

Technical Specification for Truelab[®] micro PCR Printer

Description:

Bluetooth Printer, prints wirelessly the results of the PCR tests performed by Truelab Duo/Quattro Real Time Quantitative micro PCR Analyzer.

Specification	Details
Printer	2" Thermal Printer
Printing	Thermal Line printer method
Paper width	56.5 mm
Dot size	0.125 mm x 0.12 mm

Specification	Details
Printing speed	75 mm/s (higher speed optional)
High speed	75 mm/s
Processor	32 Bit ARM processor
Interface	Wireless Bluetooth interface High speed USB 2.0 interface
Battery	1.5 Ahr Li-ion battery
Charger	9V, 2A battery charger

Technical Specification for Trueprep[®] AUTO v2 Universal Cartridge Based Sample Prep Device

Description:

Fully automatic sample prep device works in tandem with Trueprep[®] AUTO v2 cartridge and Reagent Kits for extraction and purification of nucleic acids from clinical specimen.

Specification	Details
Principle	Proprietary matrix-based extraction
Operation	Fully Automatic
Display Screen	2 line alphanumeric LCD
Rechargeable Lithium Ion Battery Pack	7.4 V, 11.6 Ah
Power	External AC/DC adaptor: Input 1.5A, 100/240V, 50/60 Hz; Output 10V, 4.5A
Weight	2.75 kgs
Size	215 x 235 x 115 mm
Software	Proprietary firmware
Operating environment	Temperature 15 - 45°C, RH: 10 - 90%