

Technical Specifications

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| <ul style="list-style-type: none"> Equipment inclusions for Real-Time PCR as follows: | <ol style="list-style-type: none"> 1. Starter kits for real-time PCR |
| | <ol style="list-style-type: none"> 2. Delivery within 90 days |
| | <ol style="list-style-type: none"> 3. 2-years warranty on all parts and services |
| | <ol style="list-style-type: none"> 4. Annual preventive maintenance for the duration of warranty period |
| | <ol style="list-style-type: none"> 5. Shipping, all installation materials, and installation proper by installation engineer |
| | <ol style="list-style-type: none"> 6. 2 Training sessions by field applications specialist, 1 session (basics) within 2 weeks after installation of equipment and 1 session (advance) 2-3 months after the first training. Training should include equipment operation, maintenance, troubleshooting and use of softwares for data analysis. Training should be good for 10-15 pax. |
| | <ol style="list-style-type: none"> 7. Training certificates |
| | <ol style="list-style-type: none"> 8. Equipment manual and calibration certificates |
| <ul style="list-style-type: none"> Gradient Thermal Cyclers with accessories (2 units) Specifications: | <ol style="list-style-type: none"> 1. Manual input of individual Tm for Gradient PCR |
| | <ol style="list-style-type: none"> 2. 96 well, 0.2mL block format |
| | <ol style="list-style-type: none"> 3. Max Ramp rate of at least 3°C/sec |
| | <ol style="list-style-type: none"> 4. Temperature range of 4°C-105°C |
| | <ol style="list-style-type: none"> 5. Temperature accuracy between ±0.1°C to ±0.5°C |
| | <ol style="list-style-type: none"> 6. Temperature uniformity of <0.5°C |
| | <ol style="list-style-type: none"> 7. Instrument memory of 250 to 500 unique programmes for storage |
| | <ol style="list-style-type: none"> 8. Display interface 5-8 inch with touch screen |
| | <ol style="list-style-type: none"> 9. Power requirements: 220-240 V, 50-60Hz |
| | <ol style="list-style-type: none"> 10. Power consumption: <1000 Watts |
| <ul style="list-style-type: none"> Equipment accessories for Gradient Thermal Cycler as follows: | <ol style="list-style-type: none"> 1. 2 sets of metal ice blocks for reagent and sample coolant |
| | <ol style="list-style-type: none"> 2. 2 units laptop, should have an operating system, processor and RAM capacity recommended for the equipment use (protocol design, execution and run monitoring) |
| | <ol style="list-style-type: none"> 3. 2-unit 2 KVA UPS |
| | <ol style="list-style-type: none"> 4. 2-unit AVR |
| <ul style="list-style-type: none"> Equipment inclusions for Gradient Thermal Cycler as follows: | <ol style="list-style-type: none"> 1. Starter kits and reagents |
| | <ol style="list-style-type: none"> 2. Delivery within 90 days |