

**Maximize customer value
Minimize analytical error**



TECHNICAL DATA

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|----------------------|--|-----------------------------------|--|
| Sample Positions | 30 | Range of OD | 0.000-3.000ABS |
| Sample volume | Minimum 20µl (please refer to Insert of the kit for details) | Accuracy of Filters | < ± 2nm |
| Reaction Temperature | 25°, 37°C (±1°C) | Linearity of OD | 0.000-3.0000A, r>0.98 |
| Assay Method | EIA | Repeatability of OD | CV<5% |
| Throughput | (60-120) min /30 tests | Accuracy and Temperature Control | When operating at 25°C, offset < 0.5°C, Fluctuation<±0.1°C |
| Calibration | Two points calibration | Carry-over | < 1% |
| Light Source | LED, 3.6V / 0.504W | Accuracy and Precision of Priming | Offset < ± 5% |
| Filters | 450nm, 630nm | Noise | <80 dB |
| OD Resolution | 0.001ABS | | |

COMPUTER REQUIREMENTS

| | | | |
|-------------------------|-------------------------------|--------------|---------------------------------------|
| Operating System | Window XP/ window 7/ window 8 | Power Supply | AC 100-240V, 50/60HZ |
| Internal Memory | 2G Bytes | Temperature | 16- 28°C |
| Hard Disc storage | ≥120 G Bytes | Humidity | 20-80% |
| Communication Connector | 4 USB port | Dimension | 680 mm (W) * 600mm (D) *500 mm (H) |
| Display | Resolution 1440* 900 | Weight | Bench top: 48 kg |