



NMAL VIROLOGY LABORATORY
SPECIFICATIONS: ELISA WORKSTATION

Unit	ELISA workstation with dispenser, shaker, incubator, washer and reader
Sample format	96 well microplate
Weight	Bench top: 15 - 30kg
External dimensions (HxWxD)	~ 25.8 x 26.3 x 62.6 cm
Interface / LIS link	Advantage to have or use USB
Power	Electricity
Incubator	Temperature: 4-55°C with +/- stability across the plate Incubation time: programmable Temperature monitoring: Yes
Reader	Spectral range: 400 – 690 nm with installed filters Reading channels: ≥8 independent photometric channels and reference channel Precision: <1.5% CV Accuracy: +/- 0.01 OD or 2.5%
Dispenser	Type: ≥4 independent precision pumps Volume range: 10 – 2000 µl Precision: <2% CV at 100 µl Accuracy: <5% at 100 µl Reagent support: Any bottle type can be attached
Washer	Manifold configuration: Auto-clavable Dispense volume: 25 – 1000 µl Wash modes: Standard, overflow, soak, two-point, sweep Wash buffer capacity: ≥ 3 X 1L bottles Waste liquid container: ≥2 L bottle
Shaker	Shaking, independent linear motion
PC software	For Windows that can adapt to any 96 well assay protocol (create and measuring)
Manual	Operators manual in English
Warranty	2 years
Accreditation	Manufactured according to international safety standard/ regulations Calibration certificate by SANAS accredited supplier

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