



**AP 22 ELITE** is a full automated system for ELISA method. The instrument is able to run 2 ELISA micro-plates with 8 tests on line, from sample pre-dilution, sample and reagent dispensation, incubation and washing cycles as well to the final ELISA reading and data processing



## TECHNICAL FEATURES

Barcode reader	built-in sliding sample barcode reader
Sample tray	91 sample tubes Ø13mm or 70 sample tubes Ø16 mm; both kinds can be used at the same time
Elisa dilution cups	110 position
Dilution cuvettes	22 cup blocks for easy loading
Removable trays	Modular racks to hold calibrators, controls and reagent for 8 tests on line
External liquid tanks	Wash, Waste and 2 Wash buffers tanks equipped with level sensors
Microtiter plates	2 standard plates (12 x 8 well format), incubated at room temperature or from 36° to 45°C
Shaker	Microtiter plate shaking capability (optional)
Liquid handling	1 probe for dilution and dispense
Plate washing	two 8 nozzle manifolds one to dispense and the other one to aspirate; residual volume <3 µl
Wash buffers	2 buffers for microplate washing in external tanks with level sensors



UNI EN ISO 9001 , 13485 CERTIFIED COMPANY

ITALY

APPLIED INNOVATION

Plate washing inaccuracy	CV < 5 % with 300 µl
Reading system	8 independent photo-metric channels with mono and bichromatic reading capability
Interferential filters	2 precision filters (450 and 650 nm); 2 more on request (4 filters max, 400-700nm)
Reading Capability	Reading from 0.000 a 3.000 OD; inaccuracy ± 1% from 0.000 to 1.500 OD; ± 2% from 1.500 to 3.000 OD
Syringe	1000µl volume, 1µl step resolution
Dispensation	From 8 µl to 1000 µl by steps of 1 µl, inaccuracy ± 1% at 100 µl
Sample dispense time	11s with 2ml of washing solution
Connection	LIS interface capability, work list import from Host Computer; a single PC can run more instruments in parallel.
Operative systems	Windows 7 or Windows 10
PC specifications	Requisiti minimi: 250 MB spazio libero su Hard Disk; lettore CD-Rom; 2GB RAM; Intel Pentium Dual Core or equivalente, VGA 1024 x 768 16 milioni di color; 2 porte USB 2.0 libere; stampante.  Requisiti suggeriti: 4GB RAM; Intel Core 2 Duo E6500 series o equivalente
Power requirements	230 / 115 VAC, 50-60 Hz, 350 W
Measurements	cm 62 x 83 x 72h
Weight	85 Kg

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