

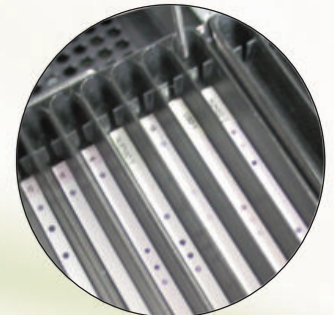
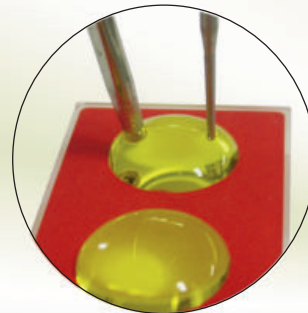
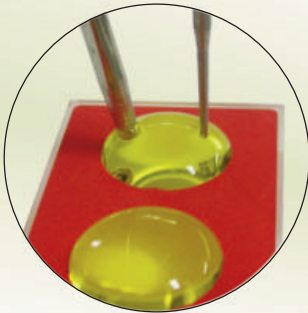
AP16 IF ELITE

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AP16 IF BLOT ELITE

*Fully automated
16 IFA slide processor*

*Fully automated 16 IFA slide
processor and 24 BLOT strips*



AP16 IF ELITE is an automated instrument for slide Immunofluorescence processing, equipped with a sliding sample barcode reader. Reliable and built with the latest technologies, it is able to run up to 16 IFA slides, carrying out sample predilution, sample reagent dispensation, incubation and slide washing.

AP16 IF BLOT ELITE is a fully automated system for IFA and BLOT methods equipped with a sliding sample barcode reader. The instrument is able to run up to 16 IFA slides, carrying out sample predilution, sample reagent dispensation, incubation and slide washing. Thanks to the Blot Module and a camera, it is able to carry out the full automation for Dot/Western Blot, starting from sample dilution and dispense, reagent dispense, incubation, strip washing as well, to the dot imaging processing and assessment for each strip; the software also provides the data record and patient report.

Lab Innovation Concepts



AP16 IF ELITE ~ AP16 IF BLOT ELITE

IFA TECHNICAL FEATURES

Liquid handling	2 probes: one to dilute and dispense, the other to wash the slide wells
Sample predilution time	20s with 1ml of washing solution
Sample dispense time	11s with 1ml of washing solution
Reagent dispense time	42s for a 12 well slide and 20µl per well (including washing with 1 ml buffer)
Sample dispense	CV < 1% at 100 µl
Reagent dispense	CV < 1% at 100 µl
Supplied trays	tray with 264 positions for dilution cups; tray with 16 positions for IFA slides; reagent tray for 18 controls, 9 conjugates (8 in case of Blue Evans dye), 1 cleaning solution for the probe and 2 diluents for samples
Level sensor probe	able to detect 150 µl
Slide washing	each well is washed independently; continuous flow or drop by drop for specific washing effectiveness
Wash Buffers	2 slide wash buffers in external tanks

BLOT TECHNICAL FEATURES (AP16 IF BLOT ELITE only)

Reagent tray	10 x 110 ml vials and 10 control positions
Strip holders	3 trays (8 strips per tray) to run up to 24 strips on the shaking plane
Dispense probe	1 dispense probe and 1 aspirate probe
Strip washing	liquid dispense and aspirate run by two independent probes
Wash Buffers	2 strip wash buffers in external tanks
Dispensation	up to 3000 µl with 1 µl step resolution
Reading capability	high resolution colour camera (3.3 Megapixels) for the imaging acquisition

COMMON TECHNICAL FEATURES

Sample tray	156 sample tubes Ø 13 mm or 120 sample tubes Ø 16 mm
Sample barcode reader	built-in sliding sample barcode reader
Syringe	1000 µl volume, 1µl step resolution
External liquid tanks	4 external tanks with level sensors
Connection	LIS interface capability, work list import from Host computer; a single PC can run more instruments in parallel
PC	<i>Minimum requirements:</i> 250 MB free space hard disk; CD-Rom reader; 2 GB RAM; Intel Pentium Dual Core or equivalent; VGA 1024 x 768 16 million colours; 2 free USB 2.0 port; printer <i>Suggested requirements:</i> 4 GB RAM; Intel Core 2 Duo E6500 series processor or equivalent
Operative systems	Windows XP or Windows 7
Power requirements	230 or 115 VAC, 50-60 Hz, 350 W
Measurements	62 x 82 x 72h
Weight	75 Kg

THE SHOWN FEATURES COULD BE ALTERED WITHOUT NOTICE

