

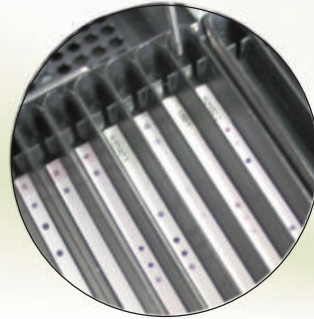
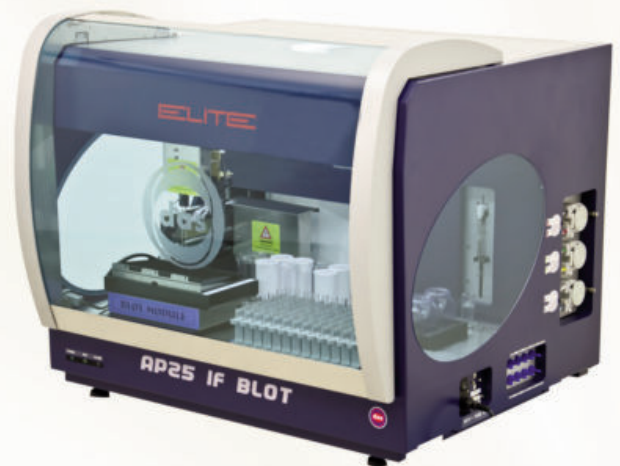
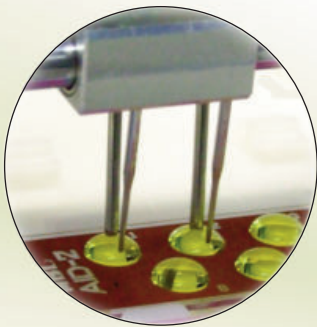
# AP25 IF ELITE

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# AP25 IF BLOT ELITE

*Fully automated  
25 IFA slide processor*

*Fully automated 25 IFA slide  
processor and 24 BLOT strips*



**AP25 IF ELITE** is an innovative system able to accomplish the developing process on 25 IFA slides. A special double and faster washing system expedites the work session.

The system uses the latest powerful software that allows the programming and processing of any kind of: Slide mask, well shape, well thickness and number of rows for slide, keeping the same well known accuracy of all AP IF processors of DAS.

The instrument is equipped with a sample bar code reader.

**AP25 IF BLOT ELITE** is equipped with a sample bar code reader and adds the blot processing capabilities to the features of AP25 IF ELITE . 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*



# AP25 IF ELITE ~ AP25 IF BLOT ELITE

## IFA TECHNICAL FEATURES

Liquid handling	2 probes: one to dilute and dispense, the other to aspirate 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 352 positions for dilution cups; tray with 25 positions for IFA slides; reagent tray for 15 controls, 8 conjugates (7 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	the wells are washed independently two at time; continuous flow or drop by drop for specific washing effectiveness
Wash Buffers	2 slide wash buffers in external tanks

## BLOT TECHNICAL FEATURES (AP25 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	143 sample tubes Ø 13 mm or 110 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	80 x 88 x 76 h
Weight	90 Kg

THE SHOWN FEATURES COULD BE ALTERED WITHOUT NOTICE

