

AP16 IF / AP16 IF BLOT ELITE

Fast, Precise, Accurate

16 IFA slides Automated Processor

IF and BLOT fully automation

16 IFA slides and 24 BLOT strips



AP16 IF ELITE is an innovative and fast processor able to run 16 IFA slides with any kind of thickness, mask, well shape and number of rows. It is equipped with a sliding-sample barcode reader and a camera for slide barcode reading. Reliable and manufactured with the latest technologies, it is able to carry out: sample dilution, sample and reagent dispense, different incubation times and slide well different washing types with accuracy and precision.

AP16 IF BLOT ELITE is a powerful combo system for IFA and BLOT methods processing thanks to the easy and fast work area configuration change. In addition to all the AP16 IF ELITE features a dedicated Blot Module and camera allows to carry out a full automation for Dot/Western Blot, starting from sample dilution, sample and reagent dispense, incubation, strip washing up to the dot imaging processing and assessment for each strip. The software allows to edit, store and record patient data and reports.



APIG IF / APIG IF BLOT **ELITE**

Built-in barcode reader for samples, controls and reagents; BCR for slides (optional)

Average throughput 192 wells in a run with incubation times of 30 + 30 minutes

Sample trays 180 sample tubes Ø13 mm or 135 sample tubes Ø 16 mm; combination of them can be used in the same run

Supplied trays 264 positions for dilution cups; 16 positions for IFA slides; 20 controls; 8 conjugates (7 in case of Blue Evans dye) and 1 cleaning solution for the probe; 2 diluents for samples

External liquid tanks 2 washing buffers for slides, Wash and Waste tanks, all equipped with level sensors

Slide washing wells are washed one by one to avoid carryover

Washing modes multi-well, continuous flow or drop by drop for specific washing effectiveness

Liquid handling 2 probes: one to dispense and dilute, the second to aspirate from wells

Sample dilution time 20s with 2ml of washing solution

Sample dispense time 11s with 2 ml of washing solution

Dispense CV <1%, inaccuracy 1% at 100 µl

Aspiration CV <3%, inaccuracy 1% at 100 µl; minimum volume 5 µl, 1 µl resolution

Syringes 1000 µl volume, 1 µl resolution

Operating Functions Management of 8 methods in the same run. Definition of incubation times and volume for sample and reagents dispense. Different incubation times for each method. Easy and fast settings for new protocols.

Connection LIS interface capability, work list import from Host Computer; a single PC can run more instruments at the same time

PC specifications Intel I5 processor; 4 GB RAM; VGA 1024 x 768; HD with 100 GB free space; CD-ROM reader; USB 2.0 port; RS232 Serial Port

Operating system Windows 7 or Windows10

Power requirements 230 or 115 V AC, 50 - 60 Hz, 450VA

Measurements 62 x 82 x h 72 cm

Weight 75 Kg.

Lettore codici a barre integrato per campioni, controlli, reagenti; opzionale per vetrini

Capacità di processo In media 192 pozzetti per sessioni con tempi di incubazione di 30+30 minuti

Capacità campioni 180 tubi campioni Ø13 mm o 135 da Ø 16 mm; che possono essere usati in combinazione

Vassoi forniti 264 posizioni per le diluizioni; 16 vetrini IFA; 20 controlli; 8 conjugates (7 in caso di Blue Evans) e 1 soluzione di lavaggio ago; 2 diluenti campione

Contenitori liquidi 2 taniche con buffer dilavaggio, taniche Wash e Waste tanks, tutte dotate di sensore di livello

Lavaggio vetrini i pozzetti vengono lavati singolarmente per evitare contaminazioni

Modalità di lavaggio multi pozzetto, flusso continuo o goccia a goccia per una efficacia di lavaggio specifica

Gestione liquidi 2 aghi: uno per dispensare e diluire, il secondo per aspirare dai pozzetti

Tempo diluizione 20s per campione con 2ml di lavaggio

Tempo dispensazione 11s (media) con 2 ml di lavaggio

Dispensazione CV <1%, inaccuracy 1% a 100 µl

Aspirazione CV <3%, inaccuracy 1% a 100 µl; volume minimo 5 µl, risoluzione 1 µl

Siringhe volume 1000 µl, risoluzione 1 µl

Funzioni operative Gestioni di 8 metodiche simultaneamente. Definizione tempi di incubazione e volume da dispensare per campioni e reagenti. tempi diversi di incubazione per ciascuna metodica. Creazione rapida di nuovi protocolli

Conessioni Interfacciamento LIS, importazione lista di lavoro da Host Computer, un singolo PC può pilotare più strumenti in parallelo

Specifiche PC processore Intel I5; 4 GB RAM; VGA 1024 x 768; HD con 100 GB di spazio libero; lettore CD-ROM; porta USB 2.0; porta seriale RS232

Sistema operativo Windows 7 o Windows10

Alimentazione 230 o 115 V AC, 50 - 60 Hz, 450VA

Dimensioni 62 x 82 x h 72 cm

Peso 75 Kg.

The shown features could be altered without notice

Le caratteristiche sopra indicate possono essere variate senza preavviso

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