

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.



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Built-in barcode reader	for samples, controls and reagents; BCR for slides (optional)	Lettore codici a barre	per campioni, controlli, reagenti; opzionale per vetrini
Average throughput	192 wells in a run with incubation times of 30 + 30 minutes	Capacità di processo	In media 192 pozzetti per sessioni con tempi di incubazione di 30+30 minuti
Sample trays	180 sample tubes Ø13 mm or 135 sample tubes Ø 16 mm; combination of them can be used in the same run	Capacità campioni	180 tubi campioni Ø13 mm o 135 da Ø 16 mm; che possono essere usati in combinazione
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	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
External liquid tanks	2 washing buffers for slides, Wash and Waste tanks, all equipped with level sensors	Contenitori liquidi	2 taniche con buffer di lavaggio, taniche Wash e Waste tanks, tutte dotate di sensore di livello
Slide washing	wells are washed one by one to avoid carryover	Lavaggio vetrini	i pozzetti vengono lavati singolarmente per evitare contaminazioni
Washing modes	multi-well, continuous flow or drop by drop for specific washing effectiveness	Modalità di lavaggio	multi pozzetto, flusso continuo o goccia a goccia per una efficacia di lavaggio specifica
Liquid handling	2 probes: one to dispense and dilute, the second to aspirate from wells	Gestione liquidi	2 aghi: uno per dispensare e diluire, il secondo per aspirare dai pozzetti
Sample dilution time	20s with 2ml of washing solution	Tempo diluizione	20s per campione con 2ml di lavaggio
Sample dispense time	11s with 2 ml of washing solution	Tempo dispensazione	11s (media) con 2 ml di lavaggio
Dispense	CV <1%, inaccuracy 1% at 100 µl	Dispensazione	CV <1%, inaccuracy 1% at 100 µl
Aspiration	CV <3%, inaccuracy 1% at 100 µl; minimum volume 5 µl, 1 µl resolution	Aspirazione	CV <3%, inaccuracy 1% at 100 µl; volume minimo 5 µl, risoluzione 1 µl
Syringes	1000 µl volume, 1 µl resolution	Siringhe	volume 1000 µl, risoluzione 1 µl
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.	Funzioni operative	Gestione 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
Connection	LIS interface capability, work list import from Host Computer; a single PC can run more instruments at the same time	Conessioni	Interfacciamento LIS, importazione lista di lavoro da Host Computer, un singolo PC può pilotare più strumenti in parallelo
PC specifications	Intel I5 processor; 4 GB RAM; VGA 1024 x 768; HD with 100 GB free space; CD-ROM reader;	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
Operating system	USB 2.0 port; RS232 Serial Port	Sistema operativo	Windows 7 o Windows 10
Power requirements	Windows 7 or Windows 10	Alimentazione	230 o 115 V AC, 50 - 60 Hz, 450VA
Measurements	230 or 115 V AC, 50 - 60 Hz, 450VA	Dimensioni	62 x 82 x h 72 cm
Weight	62 x 82 x h 72 cm 75 Kg.	Peso	75 Kg.

The shown features could be altered without notice

Le caratteristiche sopra indicate possono essere variate senza preavviso

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