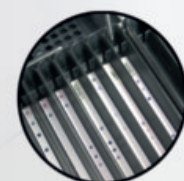
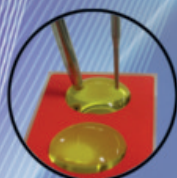


AP16 IF - AP16 IF BLOT ELITE



16 IFA slides
Fast automated processor

16 IFA slides and 24 BLOT strips
Fast automated processor

Fast - Precise - Accurate IFA and BLOT Processors

AP16 IF ELITE is an innovative and fast processor able to run 16 IFA slides, it is equipped with a sliding-sample barcode reader and a camera for slide bar code reading. Reliable and manufactured with the latest technologies, it is able to carry out: sample dilution, sample and reagent dispense, incubation times and slide well washing with accuracy and precision.

AP16 IF BLOT ELITE is an innovative and fast automated system for IFA and BLOT methods, it is equipped with a sliding-sample barcode reader and a camera for the slide and Blot-strip bar code reading. The instrument is able to run 16 IFA slides with 12 wells, carry out sample dilution, sample and reagent dispense, incubation times and slide well washing.

Thanks to the Blot Module and camera, it is able to carry out a full automation for Dot/Western Blot, starting from sample dilution and dispense, reagent dispense, incubation, strip washing up to the dot imaging processing and assessment for each strip; the software is also able to store and record the data and issue patient report.



ITALY

APPLIED INNOVATION

UNI EN ISO 9001 - UNI EN ISO 13485 CERTIFIED COMPANY

APIG IF - APIG IF BLOT

ELITE

TECHNICAL FEATURES

Built-in barcode reader	for samples, controls and reagents; barcode reader for slides (optional)
Average throughput	192 wells in a run with incubation times of 30 + 30 minutes
Sample trays	180 sample tubes Ø 13 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 carry-over
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 <0.1%, inaccuracy 1% at 100 µl
Aspiration	CV <0.3%, inaccuracy 1% at 100 µl; minimum volume 5 µl, 1 µl resolution
Syringe	1000 µl volume, 1 µl resolution
Operating Functions	Management of 10 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 Windows 10
Power requirements	230 or 115 V AC, 50 - 60 Hz, 450VA
Measurements	62 x 82 x h 72 cm
Weight	75 Kg

CARATTERISTICHE TECNICHE

Lettore codici a barre	integrato per campioni, controlli e reagenti; lettore codici a barre dei vetrini (opzionale)
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 Ø16 mm che possono essere usati in combinazione
Vassoi forniti	264 posizioni per le diluizioni; 16 vetrini IFA; 20 controlli; 8 coniugati (7 in caso di Blu di Evans) e 1 soluzione di lavaggio ago; 2 diluenti campione
Contenitori liquidi	2 taniche con buffer di lavaggio, tanica Wash e tanica Waste, tutte dotate di sensore di livello
Lavaggio vetrini	i pozzetti vengono lavati singolarmente per evitare contaminazione
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 2 ml di lavaggio
Tempo dispensazione	11s per campione con 2 ml di lavaggio
Dispensazione	CV <0.1%, inaccuracy 1% a 100 µl
Aspirazione	CV <0.3%, inaccuracy 1% a 100 µl; volume minimo 5 µl, risoluzione 1 µl
Siringa	volume 1000 µl, risoluzione 1 µl
Funzioni operative	Gestione di 10 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.
Connessioni	interfacciamento LIS, importazione lista di lavoro da Host Computer; un singolo PC può pilotare più strumenti in parallelo
Specifiche PC	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
Sistema operativo	Windows 7 o Windows 10
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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