ALLERG-O-LIQ System

Fully automated 4 plate Walk-Away-System for the allergy in-vitro diagnostics with biotinylated allergens and open platform for ELISA's

Specifications for allergy in-vitro diagnostics

- Quantitative determination of specific IgE and Total IgE in one Test-Run
- 6 point calibration (WHO-calibrated)
- Up to 368 determinations per Test-Run

Specifications for ELISA applications

- Up to ten parameters per Test-Run
- Flexible Set-Up

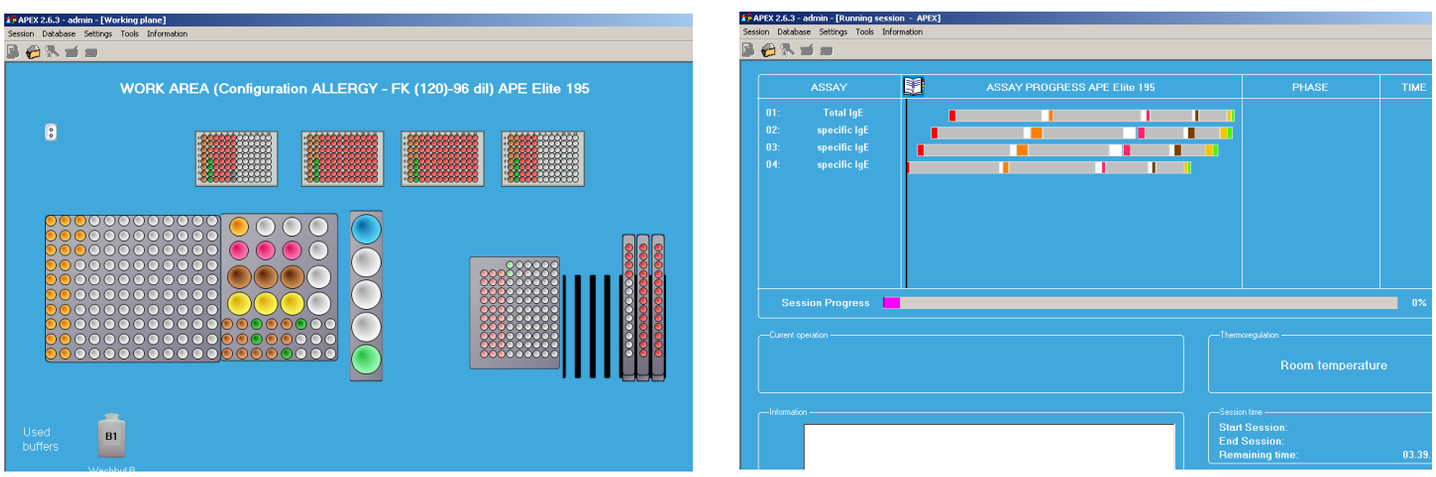
Advantages

- User-friendly Software (compatibel with Windows 7)
- Short hands-on time
- Fully automated
- Build in Barcode Reader (BCR) for samples
- Possibility of managing up to two instruments connected to the same PC
- Host Interface connection capability, possibility to import and export work lists (LIS)
- CE marked
- High precision

Dr. Fooke-Achterrath Laboratorien GmbH - Habichtweg 16 - 41468 Neuss - Germany
Phone: + 49 2131 2984-0 - Fax: + 49 2131 2984-184 - email: information@fooke-labs.de

Technical Data

Automat:	APE ELITE (DAS, Italien)
Build-in barcode reader:	barcode reader for samples
Connection:	LIS interface capability, work list import from Host Computer; a single PC can run more instruments at the same time
Throughput:	Dispense time for 8 samples (100 µL each): less than 45 seconds for each 8-well strip, including needle washing time with 1 mL washing solution between each sample pipetting
Dispense volume:	from 8 µl to 1000 µl with 1 µl step, inaccuracy — 1% at 100 µl
Needle:	2 needles for dilution and dispensation;detecting the liquid surface
Plate incubation:	At room temperature
Capacity:	4 microtiter plates, 96 well each
Photometer:	8 independent photometric channels with mono- and bichromatic reading capability
Standard filter:	2 precision filters (450 and 630 nm); 2 more available on request (4 filters max, 400-700nm)
Accuracy:	reading from 0.000 to 3.000 OD; inaccuracy - 1% from 0.000 to 1.500 OD, - 2% from 1.500 to 3.000 OD
Elect. connections:	230 or 115 VAC, 50 - 60 Hz, 650 W
Dimensions:	cm: 113 x 77 x 75 (width x depth x height)
Weight:	120 kg
PC requirments:	250 MB free space hard disk; 4 GB RAM; Intel Core i3 processor or better
System program:	Apex (Allergy, Elisa & IFA)



Firgue 1
The work area (left picture) and the time schedule (right picture) of the Apex Software

Related Products

Total IgE ALLERG-O-LIQ	REF 08101FL
Specific IgE REAST	REF 0520960FL
Reference system	REF 07050FL
Allergens	REF Code-FL
ECP	REF 20076
Autoimmune parameter	REF 250xx

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