TECHNICAL CHARACTERISTICS

Analysis Type	Serumproteins, Hemoglobins, (Urine Proteins, Lipoproteins).
Supply in use	Mylar-supported cellulose acetate, or Cellogel humid cellulose acetate.
Analytical Capacity	1 to 24 microsamples, or 1 to 48 microsamples.
Analytical Cadence	24 samples version: in 75 mins; early 8 samples in 50 mins 48 version samples: in 90 mins; early 16 samples in 50 mins.
Technical Type	Micro o Semimicro.
Sample plate	Samples plate base and drying of the washable applicator.
Reading System	8 or 16 independent channel.
Bright source	8 or 16 ultrabright Led.
Densitometer linearity	0 to 2,5 D.O
Sample Holder	Till 3 hours with an automatic cover.
Migration supply	Constant voltage variable from 50 Volts to 240 Volts, constant Current.
Robotic Arm	Mechanical plier with electronic control of the objects presence.
Applicator Washing	With automatic water circulation and drying.
Electrophoretic chamber and other basins:	Chambers can be both extractable in order to be filled, emptied and washed; or fixed with a total fluidic automation.
Level Liquids Control	In the internal small basins with time infrared probes; in the external tanks with immersion probes.
Interface	USB, LAN net.
Supply	220 - 240 VAC 50 - 60 Hz
Size	Cm. 75,5 x 45,5 x 56 (LPH)
Weight	49 Kg
Operation System	Windows XP or Linux
User Interface	Keyboard and mouse.
Software	Dedicate Software with methodic changeable management.

info@pselettronica.com

aries

AUTOMATIC ELECTROPHORESIS

Total Automation, Compactness, and lower cost for Test.

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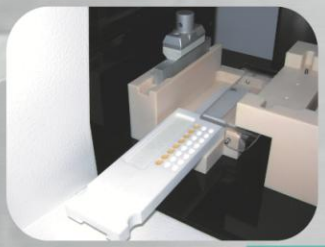
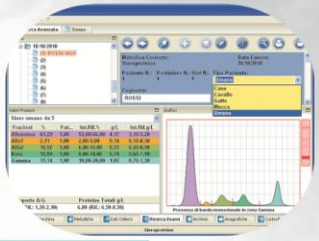


The automatic washing and drying system of the depositor guarantees the accuracy and the repeatability of tests.
The extraction of serums holder base allows easy loading of samples to be analyzed.
Serums are covered in order to increase their maintenance.

More security and controlling the movement of reagent without any human intervention.

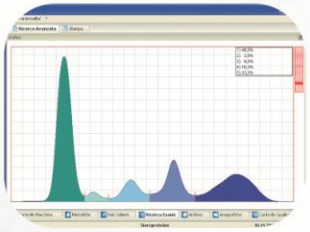
The installed software will guide you every step of the process, and it will show all the external and internal reagent levels.
This software allows the operator to intervene during the process.

The delicate application of the samples on the strip is guaranteed by a mechanical precision.
A reliable manipulator also inspects the various items that must be moved.



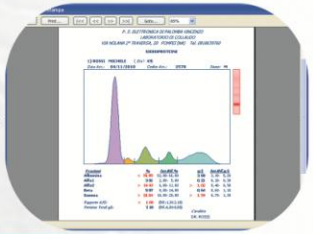
The needed functions for control and changes of the readings are available before printing.

Before starting the electrophoretic process the machine assures the correct positioning of the components.
The automatic filling and emptying of the liquids inside the tanks happens thanks to a double control of high technology level sensors.



Possibility to zoom to full screen graphics for any manual changes.

Possibility to use wet or dry Mylar support.
At the end of the process the strips plate frame is moved in the reading room, the strips with the migrations is only being read and not diaphanized.



The report is fully customizable, complete with all the data and with the histogram of the real image of the electrophoretic migration.

With computer, monitor, keyboard e mouse incorporated

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