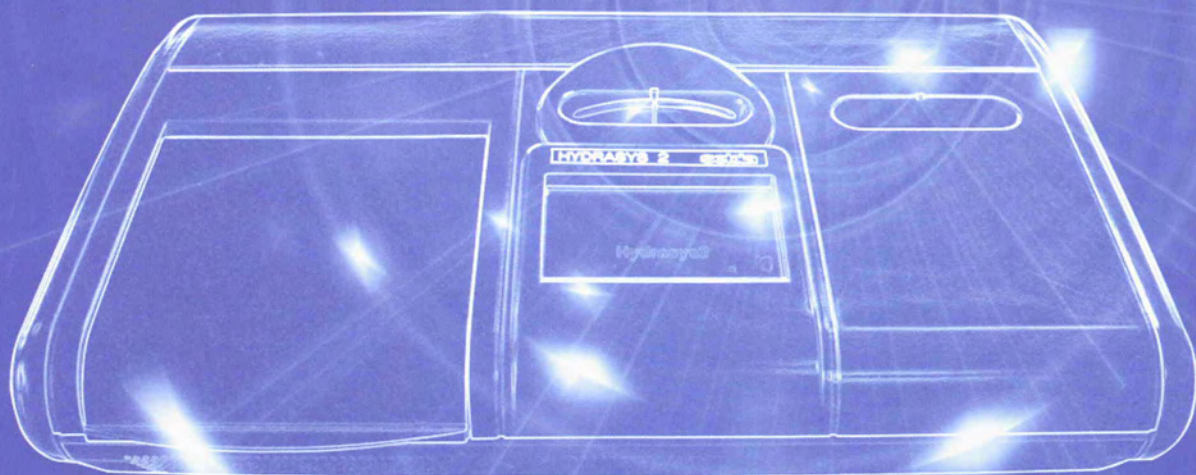


# HYDRASYS 2



**sebia**

# HYDRASYS 2

## THE NEW AUTOMATED MULTIPARAMETRIC AGAROSE GEL ELECTROPHORESIS SYSTEM



The HYDRASYS 2 system is designed to automate electrophoresis testing. The instrument can accommodate and adapt to any workload - from the smallest to the largest. The system is compact and can easily fit in all sized laboratories, even into the smallest work area.

With this easy-to-use system, operators can rapidly perform any agarose gel electrophoresis from the HYDRAGEL series: Protein, Proteinuria, IF, Lipoproteins, Hemoglobins, LDL/HDL Cholesterol and Iso-enzymes.

With the FOCUSING option, the system is also equipped with a High-Voltage module enabling the user to run iso-focalization programs such as CSF IEF and A1AT IEF.

The instrument is designed to provide user-friendliness, with all of the system functions controlled through an easy-to-read, color LCD touch-screen with back-lit panel.

HYDRASYS 2 is a self-contained, complete system which automatically carries out all the different phases of electrophoresis testing including: sample application, migration, incubation, staining, destaining, washing, and drying.



# TECHNICAL SPECIFICATIONS

## SAMPLE APPLICATION

- Applicators: 6, 7, 15 or 18 samples for 7, 15, 30 or 54 gels and 1, 2, 4 or 9 IF/BJ gels
- Disposable microporous applicators
- Optimized application utilizing vertical movement
- Automated application controlled through software

## MIGRATION, INCUBATION, DRYING

- 48 migration programs
- Automatic stop: time or volt-hour
- Voltage, current and power regulation:
  - Standard module: 0-350 V, 0-100 mA, 0-35 W
  - Iso-focalization module: 0-1500 V, 0-10 mA, 0-25 W (with the FOCUSING Option - Ref. 1207)
- Temperature controlled by Peltier system
- Drying assisted by additional heating elements

## STAINING, DESTAINING, DRYING

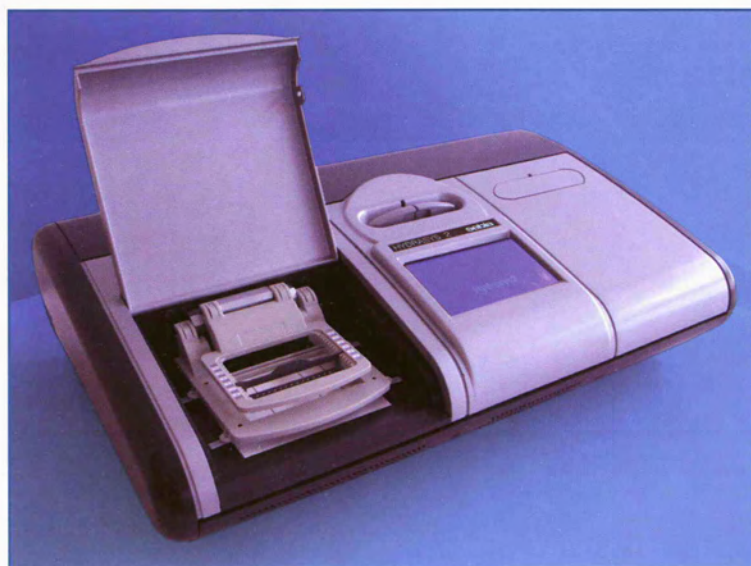
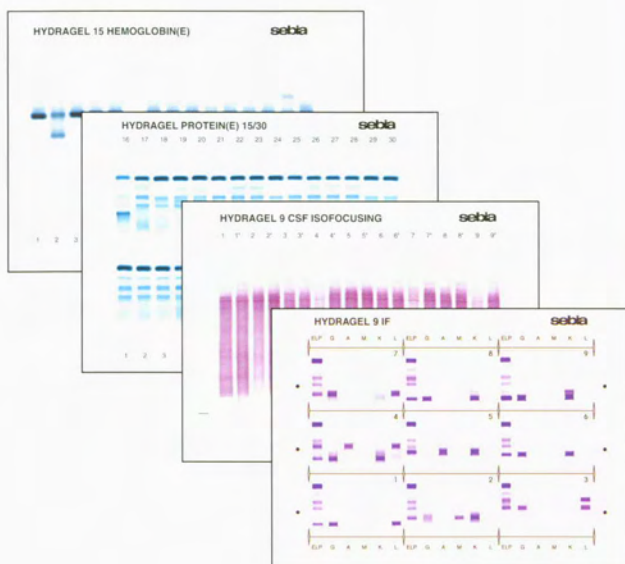
- 9 staining programs + 3 washing programs
- Staining/destaining compartment with level detectors and constructed from composite material
- Entry/exit of liquids controlled by a 10-way valve
- Magnetically driven gear pump
- Drying by convection heater with tangential air flow

## GENERAL SPECIFICATIONS

- Safety lid-locks on the migration and staining compartments
- Test and control programs - Alarms
- Upgradable software: update using SD card port
- System controlled by a color LCD touch screen with back-lit panel
- Voltage: 115/230 V+/- 10% - 50/60 Hz
- Power: 1000 VA
- Dimensions : L 758 mm x H 211 mm x W 479 mm - Weight: 35 kg  
L 29.8 in. x H 8.3 in. x W 11.0 in. - Weight 77.1 lbs.

## REFERENCES

- HYDRASYS 2- Ref. 1200
- Focusing Option - Ref. 1207



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