

Agarose Gel Electrophoresis



Meridian Healthcare®
medical diagnostics and equipment



SELEO SRL



Agarose Gel Electrophoresis

A compact and automated system that combines precision, productivity and ease of use, ensuring up to 20 serum protein tests per cycle with fast and reliable results.

MORE EFFICIENCY, MORE PRODUCTIVITY, LESS COMPLEXITY

Novagel 20 is the next-generation instrument for agarose gel electrophoresis.

With full automation, it processes up to 20 serum protein samples per cycle, ensuring fast and reliable analyses.

Equipped with a programmable power supply, thermostated migration platform, and intuitive software, Novagel 20 combines precision, efficiency, and ease of use.

A compact system that optimizes time and workflow, delivering clear and reproducible results for the laboratory.

CAPACITY AND SAMPLES

- Number of samples: 10/20 serum protein tests per cycle
- Deposition: dual applicator with programmable application points (max 2 per support)

MIGRATION SYSTEM

- Power supply: programmable up to 90W (450V @ 200mA)
- Modes: constant voltage/constant current/constant power
- Migration and denaturation plane: electrically insulated and thermostated with programmable temperature and PID control (range 10°C – 85°C)
- Migration bridge with 3 selectable migration electrodes depending on the support (10/20 samples)

PROCESS AUTOMATION

- Reagents: automatic management of staining, destaining and IFE solutions
- Handling: automatic movement of agarose support through different workstations
- Drying: integrated support drying unit
- Reading unit: densitometric unit with 10+10 auto-calibrating channels

SOFTWARE AND CONTROL

- Software: process control, sample management, and patient reporting with an external PC
- Compatibility: Windows OS
- Graphical interface: integrated 7" LCD for real-time process display

POWER SUPPLY AND DIMENSIONS

- Power supply: 110-220 V, 50-60 Hz
- Power consumption: 500 W
- Dimensions (WxDxH): 70x42x45 cm

