

# ES-HeElecsS-1 Automatic Electrophoresis System



<b>Dimensions (cm)</b>	50X45X45
<b>Weight</b>	39 kg

## Technical features

ANALYTICAL	
<b>Type of analysis</b>	Serum/urine protein electrophoresis Lipoprotein electrophoresis Hemoglobin electrophoresis Immunofixation (Semi-auto-technical)
<b>Range of gel sizes</b>	Agarose Gel film 85x100 mm Agarose Gel film 47x100 mm
<b>Analytical capacity</b>	From 1 to 26 samples

OBJECTS	
<b>Sample holder</b>	From 1 sample to 26 samples. 1st line 1-13 samples 2nd line 14- 26 samples
<b>Strip Holder</b>	Upper hook support that holds the strip on one side only (upper)
<b>Applicator</b>	2 applicators for double deposition on gel strip. Automatic washing of the teeth's.

MIGRATION CHAMBER	
<b>Migration Control</b>	Method with PID technique; temperature control via Peltier cells.
<b>Migration chamber Supply</b>	Voltage setting and constant current from software.
<b>Gel drying on migration chamber</b>	Gel evaporation in the post migration phase with high temperature through transistors.
<b>Migration Chamber Cover</b>	Cover, with platinum electrode slots for pads soaked sponges.

DENSITOMETER	
<b>Reading</b>	High resolution integrated 13-channel densitometer
<b>Density</b>	O.D. 0-3
<b>Light source</b>	13 Ultra bright LEDs
<b>Emission nm</b>	Orange 610 nm Wavelength
SOFTWARE GEMINI	
<b>Optimal Windows version</b>	Windows 10
<b>RAM</b>	4GB
<b>CPU</b>	Intel i3
<b>Monitor (minimum requirement)</b>	19" 16:9
<b>Minimum resolution required</b>	1280 x 1024 pixel
<b>Instrument that work with Gemini</b>	HEELECS-1