



MAESTRO 101



- Can be used for the most common electrophoresis methods (Serum Proteins, Serum Proteins (split β), Lipoproteines, alc.Hb, native Urine (not SDS) , IFE)
- Compact and space-saving
- Excellent operating comfort and ease of handling
- Highly economical
- Minimal use of consumables
- Very low maintenance costs
- High level of procedure reproducibility
- Multiple programmable
- Integration of the TurboScan densitometer software possible

▪ **In-house development.**

The automated electrophoresis unit MAESTRO 101 is a new development from BIOTEC-FISCHER, utilising the most modern technology. The MAESTRO 101 is designed for a long operational life and safe, reliable, Problem-free use during hard, continuous operation.

▪ **Compact, robust and low-maintenance.**

The MAESTRO 101 operates with a compact, robust and extremely reliable mechanism, which is confined to a minimum of moving parts. This makes the MAESTRO 101 compact in its dimensions. Maintenance costs for the user are minimised. All relevant components are easily accessible and easy to clean.

▪ **Different methods.**

The five most commonly used electrophoresis methods can be carried out with the MAESTRO 101: serum proteins, serum proteins (split β), lipoproteins, hemoglobine, and native urine (not SDS).

▪ **Economical**

The MAESTRO 101 requires only a small amount of consumable material per run, making it very economical to use. The MAESTRO 101 migrates 16 samples within 50 minutes.

▪ **Easy to operate**

The MAESTRO 101 can be easily and safely operated. All necessary instructions are given via the integrated display, where current status is also displayed. The required method can be selected and started up with simple button clicks.

▪ **TurboScan**

The MAESTRO 101 delivered with TurboScan densitometer software offers a wide variety of correction facilities. For instance, the automatically set minimum marks can be moved, deleted or re-set manually, as required. The baseline can be corrected quickly and easily and artefacts can be eliminated from the curve.

▪ **Data exchange**

The TurboScan Densitometer software that is delivered together with MAESTRO 101 can be connected easily to the external central EDP via an RS-232 interface. Data exchange is bi-directional with or without transmission of curve data to the central electronic data processing unit.

▪ **Reproducible results.**

By eliminating manual sources of error and with its precise mechanism, the MAESTRO 101 guarantees extremely reproducible results.

▪ **Delivery details**

The MAESTRO 101 is supplied as a complete unit prepared for serum protein electrophoresis (micro-application) together with power cable, product manual and TurboScan Software as well as a kit of consumables and reagents for serum protein electrophoresis.

Specifications:		
<p>Analysis: Serum Proteins, Lipoproteins, IFE, alc.Hemoglobins, native Urine (not SDS)</p> <p>Medium: Supported agarose gel</p> <p>Technique: Micro application with sample template</p> <p>Sampling rate: Method depending</p> <p>Densitometer: TurboScan</p>	<p>Dimensions: 56cm x 40 cm x 30 cm (WxHxD)</p> <p>Weight: 12 kg</p> <p>Power connection: 115 – 230 V / 50..60 Hz</p> <p>Power consumption: 120 W</p>	<p>Safety class: Class 1</p> <p>Safety standards: CE 73/23 EEC, 89/336 EEC, 98/79 EEC</p> <p>Operating mode: Batch continuous</p> <p>Ambient temperature: 17°C...30°C</p> <p>Air humidity (not condensing): 65%</p>

Ordering Information		
313001	Automated electrophoresis system MAESTRO 101 incl.TurboScan software (without Hardware)	1 pc.
370601-102	Serum Proteins kit on Agarose gel, 100 tests	1 kit
371601-102	Lipoprotein kit on Agarose gel, 100 tests	1 kit
373601-102	Alc.Hb kit on Agarose gel, 100 tests	1 kit
374601-102	Native Urine kit (not SDS) on Agarose gel, 100 tests	1 kit
376601-102	Immunofixation on Agarose gel, 10 tests	1 kit