



Catalog

Clinical Electrophoresis

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Automated electrophoresis systems

MAESTRO 101

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. The MAESTRO 101 operates with a compact, robust and extremely reliable mechanism, which is confined to a mini-mum 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. The MAESTRO 101 can be easily and safely operated.



Product no.	Product
313000	Maestro 101, autom. electrophor. system * Migration unit * Developer unit * Accessory kit (delivery without TurboScan densitometer)
313001	Maestro 101, autom. electrophor. system * Migration unit * Developer unit * Accessory kit * TurboScan software (delivery without TurboScan hardware)

TurboScan

In terms of flexibility, TurboScan puts all previous systems in the shade. It allows you to create as many individually generated scan masks as you wish. You can also select as many analysis methods as you wish. No other system offers so many options. In clinical work, for example, you can use TurboScan for analysis in the following applications: serum pro-teïn electrophoresis, lipo-protein electrophoresis, haemoglobin electrophoresis, Hb-A1 electrophoresis, urine electrophoresis, CSF electrophoresis, Bence-Jones, iso-enzymes, immuno-fixation, iso-electric focusing, multifractional electrophoresis, blots and lots more. It does not matter whether you carry out your methods on dry or wet cellulose acetate strips, on agarose and on other gels or you work with micro, semi-micro or macro application. TurboScan uses the latest digital image analysis technology.



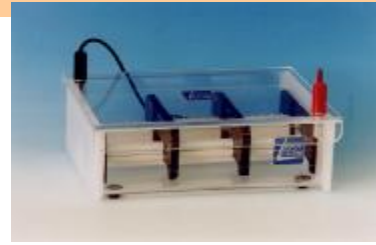
The advantages to you are obvious: analysis only takes a fraction of the time and the results obtained are reliable with excellent reproducibility. At the same time TurboScan is based on commercial hardware components. The advantage to you - you can use existing PC hardware and save costs.

Product no.	Product
331000	TURBOSCAN, Densitometer, containing: * TurboScan software * PC, keyboard, mouse, TFT monitor * color ink printer * flat bed scanner * Manual (printable)
331010	TURBOSCAN, densitometry software incl. Installation CD, protection plug and manual
331020	TURBOSCAN, Hardware containing: * PC, keyboard, mouse, TFT monitor, * color ink printer * flat bed scanner * Pre installation

Manual electrophoresis systems

Electrophoresis tank model 1000

The electrophoresis chamber model 1000 is an universal system for se-rum protein, lipoprotein, Hb-A1 and haemoglobin -electropho-resis as well as electro-phoresis of concentrated urine and CSF. Up to 24 samples can be electrophore-tically separated simultaneously. It can accommodate all the strip bridges for commercially available application systems (e.g. PRA and CEL, Bender & Hobein, Boskamp, Paragon Immunfixation, etc.). As a safety precaution, lifting the lid immediately stops the supply of electric current. This guarantees a high degree of safety for the user. The two connecting cables are permanently fitted to the cover of the chamber, ensuring that they are never mixed up and the user cannot touch live parts.



Product no.	Product
321001	Manual electrophoresis tank model 1000

Electrophoresis tank Filipo

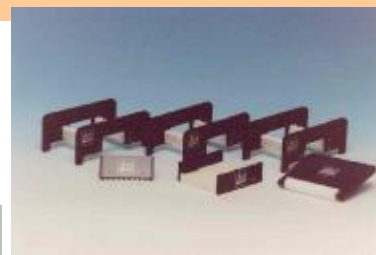
The migration tank FILIPO is a new development from BIOTEC-FISCHER utilising the most modern technology. The migration tank FILIPO with included power supply is designed for a long operational life and safe reliable problem-free use during hard continuous operation. The migration tank FILIPO operates with a compact, robust and extremely reliable electronics. This makes the FILIPO compact in its dimensions. Maintenance costs for the user are minimised. All relevant components are easily accessible and easy to clean. The most commonly used electrophoresis methods can be carried out with the FILIPO (Serum proteins, Lipo-pro-teins, Hb-A1, Haemoglobin and Urins). With 20 cm width and 25 cm depth the FILIPO only uses a minimum space on a laboratory table. This is an advantage in any laboratory where only a minimum space is available.



Product no.	Product
321101	Electrophoresis tank "FILIPO" Tank with integrated power supply for 1x CA-membrane or 1x agarose gel
313010	Migration unit for MAESTRO 101 + Filipo
313011	Gel bridge for MAESTRO 101 + Filipo
313012	CA membrane bridge for Filipo

BFA application system

The BFA application system is a complete and universal system. It comprises 3 BFA bridges, a BFA applicator, a BFA sample plate and a strip roller. The BFA system is intended for use with dry cellulose acetate strips ATX micro-solid as well as with wet cellulose acetate strips CELLOGEL.



Product no.	Product
322210	Foil bridge for tank model 1000
322220	Applicator, BFA, 8-samples, micro
322230	Sample plate, BFA, 8-samples, micro
322222	Applicator, BFA, 4-samples, semimicro
322232	Sample plate, BFA, 4-samples, semi micro
341101	Foil roller, wide
341110	Agarose gel bridge for tank model 1000
322222	Applicator, BFA, 4-samples, semimicro

Manual electrophoresis systems

PHERO-stab 0305E

The PHERO-stab 0305 E works with constant voltage. If the maximum current from 50 mA is reached, the power supply changes to constant current. This is shown with LED's. It is possible to work with or without the timer. After the adjusted time, 10% of the choiced voltage rested, till it was switched off. In this way the samples could not diffuse.



Product no.	Product
131112	PHERO-stab 0305E, 300V,50mA, 15W

Consort EV243

The electrophoresis power supplies in the PHERO-STAB range are reliable, high-performance power supplies which were specially developed to meet the demands of daily practice. They have been in use for more than 10 years in electrophoresis laboratories throughout the



Product no.	Product
131200-001	PHEROstab EV243,400V,300mA,50W(230VAC)
131210-001	PHEROstab EV243\$,400V,300mA,150W(115VAC)

Drying oven

The UM-100 dryer is an universal dryer with natural air circulation (convection). A special chamber preheats the incoming air by making use of the heat from energy loss. This and the features outlined below prove that the UM-100 is the ideal dryer for your electrophoresis



Product no.	Product
332000	Drying oven UM-100, VA, 14 Ltr
332010	Drying oven KB18/BF,with air circulation

Accessories

Product no.	Product
341100	Drying rack for glass plates, plastics
341101	Foil roller, wide
341200	Microliter pipette, variable, 5-50µl
341201	Strip forceps, fine steel, self gripping
341220	Fine steel covered dish, 220x150x50mm
341225	Stainig vessel kit for agarose gels
341223	Plastic staining vessel with lid White vessel with transparent lid
341224	Plastic staining vessel set (5 pcs.) White vessels with transparent lid
341230	Marker pen for strip marking



Ready to use Kits

Kits for automated systems on Agarose Gels

Product no.	Product
370501	MAESTRO 101, Kit for 80 se-elphos
371501	MAESTRO 101, Kit for 80 Ip-elphos
373501	MAESTRO 101, Kit for 80 alc. Hb-elphos
374501	MAESTRO 101, Kit for 80 urin-elphos



Kits for manual systems on CA membranes

Product no.	Product
370001	Kit for 800 SPE on ATX micro solid foils incl.: micro solid foils, buffer staining sol., destaining sol. clearing sol., drying paper glass slides
370002	Kit f.104 SP-electrophoresis, Micro-solid incl.: micro solid foils, buffer staining sol., destaining sol. clearing sol., drying paper glas plates
373101	Kit f.400 Hb-electrophoresis, CAF incl.: micro solid foils, buffer staining sol., destaining sol. clearing sol., drying paper glas plates
373102	Kit f. 200/400 Hb Elphos of micro solid incl.: micro solid foils, buffer staining sol., destaining sol. clearing sol., drying paper glas plates

Kits for manual systems on Agarose Gels

Product no.	Product
370202	Kit for 100 SPE on agarose gels incl.: agarose gels, buffer staining sol., masks drying paper
371201	Kit for 100 LP-Elphos on agarose gels incl.: agarose gels, buffer staining sol., masks drying paper
373202	Kit f.100 alk.Hb elphos on agarose gels incl.: agarose gels, buffer staining sol., masks drying paper
374201	Kit for 100 urin-Elphos on agarose gel incl.: agarose gels, staining sol. masks, filtre paper
376202	Kit, double IFE, 20 patients, agarose gel incl.: agarose gels, buffer staining sol., antibodies masks, filter paper
376203	Kit, Immunofixation, 10 patients, agarose incl.: agarose gels, buffer staining sol., antibodies masks, filtre papers
377202	Kit for 100 LDH-Elphos on agarose gel incl. agarose gels, buffer masks, staining sol. paper

Ready to use Kits

Kits for manual systems on Cellogel

Product no.	Product
372101	Kit for 400 HbA1-elphos on cellogel incl.: cellogel, buffer staining sol., destaining sol. clearing sol., drying paper glas plates
374101	Kit for 400 Urine elphos on cellogel incl.: cellogel, buffer staining sol., destaining sol. clearing sol., drying paper glas plates
370102	Kit for 800 SE-Elphos on Cellogel incl.: cellogel foils perf., buffer staining sol., destaining sol. clearing sol., drying paper glas plates

Reagents

Buffer solutions

Product no.	Product
353000	ATX buffer (tris), concentrated, 6x100ml
353010	ATX TRIS Buffer solution, 6 x 1000 ml
354000	Universal Buffer solution, 6 x 1000 ml
354050	Universal Buffer sln. for automated
354010	Barbital-Tris Buffer, concentr., 6 x 100ml
354020	Hb Electroph. Buffer, concentr., 5x200ml
354021	Hb A1 electrophoresis Buffer solution,



Staining solutions

Product no.	Product
353100	ATX Ponceau-S, concentrated, 6x50 ml
353110	ATX Ponceau-S Red, solution, 6 x 1000 ml
354404	Amido Black concentrated solution, 100ml (500 ml final solution)



Destaining solutions

Product no.	Product
353200	ATX Decolorant, powder, for 6 x 1 ltr.
353210	ATX Decolorant solution, 6 x 1000 ml



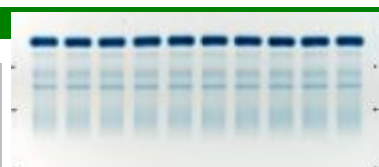
Transparency solution for OTB CA membranes

Product no.	Product
353310	PHERO-clear, transparence sln., 6x1 ltr.



PHERO-trol control sera

Product no.	Product
355070	PHERO-trol kit, control sera, incl.: 1 x 1 ml PHERO-trol N 1 x 1 ml PHERO-trol P



Carrier Material

Micro Solid Membranes

Product no.	Product
350010	ATX-micro solid membranes;25x130 mm,perf for BIOTEC/PRATIGA units,200 pcs./pck.
350011	ATX micro solid membra.,57x130 mm,perf. for BIOTEC/PRATIGA units,100 pcs./pck.
350020	ATX micro solid membr.;25x145 mm,perf. for BOSKAMP/BECKMANN units,200 pcs./pck.
350021	ATX micro solid memb.;57x145 mm, perf. for BOSKAMP / BECKMANN, 100 pcs./pck.
350030	ATX micro solid membr.;25x150 mm,perf. for Bender & Hobein units, 200 pcs./pck.
350031	ATX micro solid membr.;66x150 mm,perf. for Bender & Hobein units, 100 pcs./pck.
350032	ATX micro solid membranes; 76x135 mm, perf. for FRAKTOMAT units,50 pcs./pck.
350033	ATX micro solid membranes; 66x150 mm, perf. for Fraktomat units, 50 pcs./pck.
350040	ATX micro solid membr.;145x192mm,unperf. for VOGEL Multiphorese units,50 pcs./pck
350050	ATX micro solid membranes; 57x145 mm, unperf. for Sebia units, 100 pcs./pck.



Cellogel

Product no.	Product
351200	Cellogel-N, 5.7 x 14 cm, 100 pcs.
351205	Cellogel-N, 5.7 x 14.0 cm, 25 pcs.
351206	Cellogel-200μ, 5.7 x 14.0 cm, 25 pcs.
351208	Cellogel-500μ, 5.7 x 14.0 cm, 25 pcs.
351210	Cellogel-N, 5.7 x 14 cm, PRA, 25 pcs.
351215	Cellogel-N, 5.7 x 14.5 cm, BM, 25 pcs.
351220	Cellogel-N, 2.5x14cm, unperf, 100 pcs.
351225	Cellogel-N, 2.55x14.5 cm, BK, 25 pcs.
351235	Cellogel-N, 7.8 x 15 cm, BT, 25 pcs.
351250	Cellogel-N, 10 x 17 cm, 10 pcs.
351258	Cellogel-500μ, 17 x 17 cm, 10 pcs.
351260	Cellogel-N, 20.5 x 20.5 cm, 10 pcs.
351280	Cellogel-Mylar, 6.0 x 7.6 cm, 10 pcs.



Consumables

Drying paper

Product no.	Product
361300	Absorbent paper, 140 x 280 mm, 100 sht. qualified for drying and blotting
361301	Absorbent paper, 140 x 190 mm, 100 sht. qualified for drying and blotting
362210	Trockenpapier, 190x140mm, 100 BI



PHERO-card

Product no.	Product
322030	PHERO-card, D8, 25 pcs.
322031	PHERO-card, D6, 25 pcs.

Recording paper for Densitometers

Product no.	Product
361100	Recording paper BT/C3, 20 rls.
361110	Recording paper Sebia Pref./DVS,10 rls.
361120	Recording paper EG, 2000 single sheet
361121	Recording paper EM-3, 2000 sheet endless
361122	Recording paper EM-3, 2000 single sheet
361123	Recording paper EG-4, 2000 single sheet
361124	Recording paper EM-4, 2000 sheet endless



Consumables

Recording paper for Densitometers

Product no.	Product
361125	Recording paper EG-5, 2000 sheet endless
361140	Recording paper Multiphorese IV,250 sht.
361151	Recording paper TurboScan 500 sheet DIN A4, perforated to A5



Glass Plates

Product no.	Product
361400	Glass plates, 76.0 x 76.0 mm, 50 pcs.
361410	Glass plates, 58.0 x 76.0 mm, 50 pcs.
361420	Glass plates, 67.5 x 76.0 mm, 50 pcs.
361430	Glass plates, 67.5 x 60.0 mm, 50 pcs.
361440	Glass plates, 76.0 x 200 mm, 50 pcs.



Manual electrophoresis workstation for CA Membranes

Workstation I for Micro Solid Membranes

Product no.	Product
321001	Manual electrophoresis tank model 1000
322210	Foil bridge for tank model 1000
322210	Foil bridge for tank model 1000
322210	Foil bridge for tank model 1000
322220	Applicator, BFA, 8-samples, micro
322230	Sample plate, BFA, 8-samples, micro
131112	PHERO-stab 0305E, 300V,50mA, 15W
332010	Drying oven KB18/BF,with air circulation
341200	Microliter pipette, variable, 5-50µl
341201	Strip forceps, fine steel, self gripping
341100	Drying rack for glass plates, plastics
341220	Fine steel covered dish, 220x150x50mm
341101	Foil roller, wide
331000	TURBOSCAN, Densitometer, containing: * TurboScan software * PC, keyboard, mouse, TFT monitor * color ink printer * flat bed scanner * Manual (printabel)



Workstation II for Micro Solid Membranes

Product no.	Product
321101	Electrophoresis tank "FILIPO" Tank with integrated power supply for 1x CA-membrane or 1x agarose gel
313012	CA membrane bridge for Filipo
322220	Applicator, BFA, 8-samples, micro
322230	Sample plate, BFA, 8-samples, micro
332010	Drying oven KB18/BF,with air circulation
341200	Microliter pipette, variable, 5-50µl
341201	Strip forceps, fine steel, self gripping
341100	Drying rack for glass plates, plastics
341220	Fine steel covered dish, 220x150x50mm
341101	Foil roller, wide
331000	TURBOSCAN, Densitometer, containing: * TurboScan software * PC, keyboard, mouse, TFT monitor * color ink printer * flat bed scanner * Manual (printabel)

Manual electrophoresis workstation for Agarose Gels

Workstation I for Agarose Gels

Product no.	Product
321001	Manual electrophoresis tank model 1000
321210	Agarose gel bridge for tank model 1000
131112	PHERO-stab 0305E, 300V,50mA, 15W
341225	Stainig vessel kit for agarose gels
341202	Microliter pipette, variabel 0,5-10 μ l
332010	Drying oven KB18/BF,with air circulation
331000	TURBOSCAN, Densitometer, containing: * TurboScan software * PC, keyboard, mouse, TFT monitor * color ink printer * flat bed scanner * Manual (printabel)



Workstation II for Agarose Gels

Product no.	Product
321101	Electrophoresis tank "FILIPO" Tank with integrated power supply for 1x CA-membrane or 1x agarose gel
313011	Gel bridge for MAESTRO 101 + Filipo
341225	Stainig vessel kit for agarose gels
341202	Microliter pipette, variabel 0,5-10 μ l
332010	Drying oven KB18/BF,with air circulation
331000	TURBOSCAN, Densitometer, containing: * TurboScan software * PC, keyboard, mouse, TFT monitor * color ink printer * flat bed scanner * Manual (printabel)