



K R E A T I V E   E L E K T R O P H O R E S E - T E C H N I K

## **FILIPO**

Electrophoresis tank with integrated power supply



Electrophoresis tank Filipo

- n** Usable for most used electrophoresis methods  
(Serum proteins, Lipoproteins, Haemoglobins, Urine concentrated,...)
- n** Compact and place saving dimensions
- n** Very easy to operate and clean
- n** Highly reproducible electrical migration conditions
- n** Integrated diffusion protection at end of migration time
- n** Usable for cellulose acetate membranes of agarose gels
- n** Variety possibilities of electrical settings
- n** Integrated digital timer
- n** Extremely economical with low purchase price and low buffer volume

### n In-house development

The migration tank *FILIPO* is a new development from BIOTEC-FISCHER utilising the most modern technology. The migration tank *FILIPO* is designed for a long operational life and safe reliable problem-free use during hard continuous operation.

### n Compact, robust and low maintenance.

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.

### n Different methods.

The most commonly used electrophoresis methods can be carried out with the *FILIPO*. (serum proteins, Lipo-proteins, Hb-A1, Haemoglobin, Urines and spinal fluids.

### n Place saving.

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.

### n Easy to operate.

The migration tank *FILIPO* can be easily and safely operated. All necessary settings can be set with few switches. The status will be displayed with two LED's and a two position numerical display.

### n Different carriers.

The migration tank *FILIPO* is designed to handle cellulose acetate membranes as well as agarose gels. To change the carrier it is only necessary to change the carrier bridge.

### n Reproducible conditions.

The migration tank *FILIPO* offers a variety number of electrical settings. The using of pre set electrical conditions easily guarantees the reproducibility of electrical conditions.

### n Reproducible results

By minimizing of manual error sources in combination with precise mechanic and electronics, the reproducibility of the results is extremely high.

### n Delivery details.

The migration tank *FILIPO* is supplied as a complete unit prepared for serum proteins electrophoresis on agarose gels together with power cord, migration unit, bridge for agarose gels and manual.

(Technical modifications preserved)

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## Technical data:

### Analysis:

Serum protein, Lipo protein, Hb-A1, Hb, Urine.

### Carrier:

Cellulose-Acetate membranes and Agarose gels

### Separation technique:

Micro (Semimikro on CA is optional)

### Sampling rate:

24 tests / hour

### Selectable voltages:

50 / 70 / 80 / 90 / 100 / 110 / 120  
125 / 175 / 200 / 225 / 250 / 275 / 300

### Timer:

1 – 99 minutes or permanent

### Status display:

2 x LED

1 x 2-times 7 segment LED

### Dimensions:

(W x H x D) 190 x 385 x 245 mm

### Weight:

3 kg

### Mains:

230V / 50Hz (or 115V / 60 Hz)

### Power:

15 Watt max.

### Fuse:

2 x T500mA

### Safety class:

Safety class 1

### Operating mode:

Permanent

### Ambient temperature:

10 ... 40°C

### Air humidity:

max 80% not condensing

### Safety standards:

EN 61010-1, EN61326, EN61000-3-2  
EN 61000-3-3, 98/79 EC IVD

(Technical modifications preserved)

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## Ordering information:

Code	Article	Qty
321101	Electrophoresis-Tank <i>FILIPO</i> , Standard delivery Base unit incl. Power supply, migration unit, power cord, and manual  Spare parts	1 Set
313010	migration unit for Filipo	1 pcs
313011	Gel-bridge for Filipo	1 pcs
313012	CA membrane bridge for Filipo	1 pcs