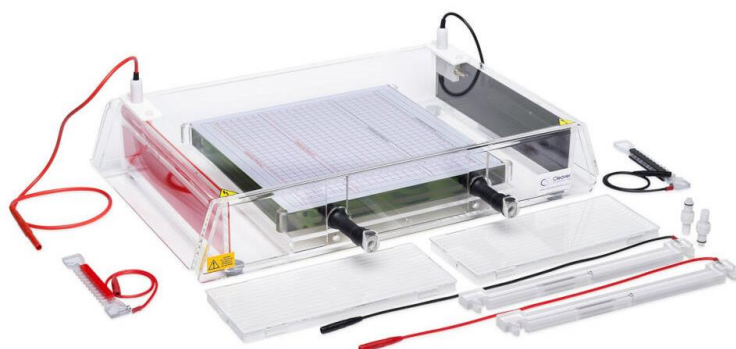


ROTIPHORESE® Professional IEF

For precasted horizontal gels of all types and for isoelectric focusing



- For **IPG strips** and **IEF gels**
- Large **cooling platform** area
- "Pick-and-Place" adjustable electrodes
- **Focusing tray** for a maximum 12 IPG strips
- **Rehydration tray** also included

Equipped with **rehydration** and **focusing trays**, this system has been optimised to perform first-dimension isoelectric focusing (IEF) with IPG (immobilised pH gradient) strips and IEF gels quickly, easily and reproducibly. Apart from that, it can also be used with precast IEF-Gels. Thus it is an ideal entry-level system for both experienced and occasional IEF users, the unit is versatile enough to meet the needs of laboratories with increased throughput requirements as well as first time users.

HIGH CAPACITY

Its high-capacity focusing tray accommodates up to twelve IPG strips. Adjustable 'pick-and-place' electrodes clip conveniently anywhere within the focusing tray to resolve IPG strips 7-24cm in length and are colour-coded to prevent polarity reversal. The Electrode frame clips directly on to the cooling plate and includes adjustable electrodes to run horizontal precast IEF and PAGE gels.

A cooling plate, manufactured from a special grade ceramic in a large 26x26cm surface area, facilitates effective heat dissipation and control, particularly during high voltage IEF techniques. An optional, but recommended, recirculating chiller connects quickly and easily to the cooling plate to maintain optimal operating temperatures for IPG strips and precast gels.

REHYDRATION

The Rehydration tray allows convenient transfer of IPG strips to the focusing tray without time-consuming removal of residual rehydration buffer and also enables the focusing tray to remain permanently in use for IEF to maximise throughput and provides useful storage at -20°C for focused strips before second-dimension runs. For those requiring a power supply, the Consort EV3330, 3000V, 300mA, 300W enables desired Volt-hours for focusing to be attained faster at maximum voltage.

TRAY SPECIFICATIONS	IPG STRIP LENGTH			
	7 cm	11 cm	18 cm	24 cm
FOCUSING TRAY				
Electrode distance	6.5 cm	10.2 cm	17.1 cm	22.7 cm
Maximum Strip Length Accommodated	25.3 cm	25.3 cm	25.3 cm	25.3 cm
REHYDRATION TRAY				
Maximum Strip Length Accommodated	24 cm	24 cm	24 cm	24 cm
Recommended Volume for Strip rehydration	3.5 ml	6 ml	8.0 ml	12.0 ml