



Isoelectric Focusing

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☰ Details Info

Now equipped with rehydration and focusing trays, the redesigned AC-IEF has been optimized to perform first-dimension isoelectric focusing (IEF) with IPG (immobilized pH gradient) strips quickly, easily and reproducibly.


An ideal entry-level system for both inexperienced and occasional IEF users, the AC-IEF is also versatile enough to meet the needs of laboratories with increased throughput requirements.

Features include:

- A high-capacity focusing tray that 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 ;colour-coded to prevent polarity reversal
- A cooling plate, manufactured from a special grade ceramic in a large 26x26cm surface area, facilitates effective heat dissipation and homogenous thermal control, particularly during high voltage IEF techniques
- An optional, but recommended ACCULAB Scientific recirculating chiller connects quickly and easily to the cooling plate via snap-lock connectors to maintain optimal operating temperatures for IPG strips (20°C) and precast gels(4°C)
- Rehydration tray allows convenient transfer of IPG strips to the focusing tray without time-consuming removal of residual rehydration buffer; also enables 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
- Electrode frame clips directly on to the cooling plate and includes adjustable electrodes to run horizontal precast IE Fand PAGE gels Power Supply Option– Consort EV232
- 3000V, 150mA, 150W power supply -enables desired Volt-hours for focusing to be attained faster at maximum voltage
- Nine different program settings with nine different parameters and voltage ramping make the EV232 ideal for multi-step IEF techniques
- Data-logging capacity for up to 3600 output values, while run data may be collected via RS232 connection and free downloadable data acquisition software


Ordering Information:

AC-IEF	Flatbed IEF system for IEF strips and gels
AC-CHILLER	Chiller System, -20 - 100°C, inc tubing & clips - 240V
AC-CHILLER\$	Chiller System, -20 - 100°C, inc tubing & clips - 115V
AC-IEF-KIT	1-D Combination Package, includes AC-IEF, AC-CHILLER and EV232
AC-IEFPOS	Replacement positive electrode
AC-IEFNEG	Replacement negative electrode
AC-IEFPLT	Replacement Glass platform
EV232	Consort 3000V, 150mA, 150W power supply
AC-IEFFRME	Replacement electrode frame
AC-RHYDTRY	REHYDRATION TRAYS
AC-FOCUSTRAY	Focusing tray with adjustable electrodes


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