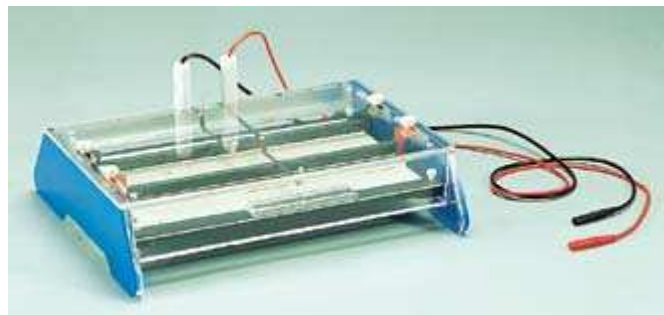


BlueLine Equipment

BlueHorizon™ Super Cool Flatbed System



- Compact design, small footprint - minimum bench space required
- Gel format up to 260 x 170 mm
- Suitable for thin gels (0.15 mm; 0.3 mm) and thick gels (up to 1.0 mm)
- High capacity cooling plate suitable for high voltage IEF
- Electrodes made from synthetic carbon - long life time, warranty up to 3 years
- Dual and triple electrode applications - for high throughput of samples in routine operation

The BlueHorizon™ Super Cool is a flatbed system for horizontal applications using precast gels and/or self-cast gels frequently used to perform Isoelectric Focusing (IEF) and SDS PAGE, but also applicable to separation of nucleic acids.

Efficient cooling provides homogeneous thermostating which allows to run gels at temperature as low as 4 °C. This provides even heat dissipation particularly important when applying high voltage IEF using very thin gels. The cooling plate is made from special ceramic material (maximum gel size 260 x 170 mm) to be connected to an external circulatory refrigeration system; it is adjustable in height to adapt flexibly to different gel thicknesses (ranging 1 mm to 10 mm).

The electrodes are made from synthetic carbon. In the standard version (dual-electrode system) the safety lid comes with 2 spring-mounted electrodes. The flexible design provides smooth and optimal contact to the gel surface and allows to run gels of different sizes (100 mm up to 260 mm wide). Adjustment is easy through recessed guideways by set screws. Optionally, a safety lid with 3 integrated electrodes is available. By simple exchange of the lid (dual-electrode standard version vs triple-electrode version), this flatbed system can be upgraded to the triple-electrode mode which is often used in routine applications to enhance sample throughput.

Ordering Information:

Description	Cat. No.
BlueHorizon Super Cool	BH-2C
BlueHorizon Super Cool IPG	BH-IPG
Accessories	
Lid with 2 electrodes	BH-2
Lid with 3 electrodes	BH-L3
Chiller	WKL 230

Advantages of horizontal electrophoresis

Flatbed electrophoresis features convenience in handling and compatibility with all electrophoretic applications. Gels are easy to handle and flexible in format, adaptable to sample throughput. Samples are loaded quickly using **SERVA applicator strip and pieces**.

Low consumption of reagents (minimizing running buffer volume), short running times and superb resolution are beneficial to economical operation in the laboratory.

	IEF	SDS PAGE	Native PAGE	Blotting
SERVALYT™ PRECOTES™	+			
SERVALYT™ PreNets™	+			+
Blank PRECOTES™	+	+	+	
Blank PreNets™	+	+	+	+
SDS PreNets™ Blotting		+		

Which SERVA Power Supply to use?

For Isoelectric Focusing, programmable **SERVA BluePower 3000** (Cat.No. BP-3000) allows high voltage operation up to 3000 Volts.

For SDS PAGE and native PAGE, **BluePower 500 PLUS** (Cat.No. BP-500 PLUS) is ideally suited delivering maximum of 500 V and/or 1000 mA.