

CE

- + Complete system to run, visualize and document mini gels
- + Includes direct connect power supply, gel tank w/orange filter cover, casting set, blue light LED illuminator and smart phone imaging enclosure
- + View DNA migration and separation at any time during a run
- + Capture high resolution smart phone images without removing the gel from the tank

The new Accuris myGel Mini InstaView Electrophoresis System is a revolutionary product that allows viewing DNA separation as it happens. No longer is it necessary to stop your electrophoresis, remove the gel, and place it on a transilluminator to check the progress of the run.

The system's gel running tank is designed with a clear bottom and shaped to mate with the included LED transilluminator. The transilluminator's bright 465nm wavelength provides optimal excitation for common green fluorescent DNA stains (such as Accuris SmartGlow™, SYBR™ Green, Gel Green, and many others). The safety cover with orange viewing filter fits onto the top of the tank, and the recessed filter contacts the top surface of the buffer. This eliminates the possibility of fogging, and allows clear visualization of stained DNA as it migrates and separates. Results can be documented with a smart phone camera using the included imaging enclosure.

Ordering Information:

Item No.	Description:
E1201*	MyGel™ Mini InstaView™ Electrophoresis System, complete with gel tank, power supply, E1200-CS1 casting set, blue LED transilluminator and imaging enclosure, 115V
E1200-CS1	Extra casting set, for 10.5x10cm gels, includes casting stand, gel tray and 2 double sided combs, (22'/12 teeth)
E1101-COMB1	Extra double sided combs, 22'/12 teeth, pack of 2

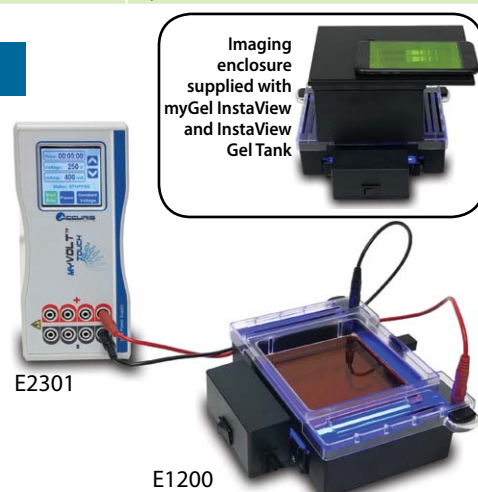
*Multi-channel compatible
*115V with US plug. For 230V (EU plug and step down transformer), add (-E).

Technical Data:

Output Voltage:	35V, 50V or 100V
Timer:	0-99 minute or continuous
Safety:	Magnetic switch
Max. Buffer Volume:	250 ml
Gel Capacity:	One 10.5x10cm gel, 0.5cm thick
Excitation Wavelength:	465nm
Dimensions with Enclosure: (W x D x H)	10x8.25x5.5 in/25.5x21x14cm
Weight:	2.3 lbs (1.04kg)
Electrical:	115V, 60Hz or 230V, 50Hz
Warranty:	2 years

InstaView™ Gel Tank

- + View sample migration during electrophoresis
- + Includes gel tank, blue LED transilluminator, orange filter cover and imaging enclosure
- + Capture high resolution smart phone images without removing the gel from the tank
- + Compatible with any basic power supply



E2301

E1200

Ordering Information:

Item No.	Description:
E1200*	InstaView™ Gel Tank, complete with tank, 10.5x10cm gel tray and casting set, 2 double sided combs (22'/12 teeth), orange filter, blue LED transilluminator and imaging enclosure (7.25x8.25x5.5 in/18.4x21x14cm with imaging enclosure), 115V
E2301*	myVolt™ Touch Power Supply, 1 to 300V, 400mA, 100W
E1200-CS1	Extra casting set, for 10.5x10cm gels, includes casting stand, gel tray and 2 double sided combs, (22'/12 teeth)
E1101-COMB1	Extra double sided combs, 22'/12 teeth, pack of 2
E1200-OC	Orange filter cover for mini LED transilluminator

*Multi-channel compatible
*115V with US plug. For 230V add (-E).



CE

E3000

E3100

UV TRANSILLUMINATORS

For Viewing DNA and Protein in Electrophoresis Gels

- + 302nm midrange UV wavelength
- + Optimal for EtBr, SmartGlow, or SYBR
- + Dual intensity settings, (50% or 100%) (E3000 model)
- + Hinged UV safety cover
- + Use with SmartDoc™ enclosure for gel imaging with a smart phone (pg. 87)



Optional viewing glasses

The E3100 myView™ incorporates four 6W bulbs coupled with a reflector system and special diffusing filter glass to provide exceptional uniformity across the viewing surface. This allows for quantification of DNA and also higher quality imaging when using a camera system.

Users are protected from harmful effects of UV radiation by the hinged, UV blocking safety cover. Two friction hinges on the front edge of the cover allow for easy adjustment of the cover angle. Position the cover horizontally for general viewing, tilt it at an angle for gel access and band cutting, or fully open to use the SmartDoc™ Imaging Enclosure and filters (sold separately) for gel imaging with a smartphone. Use filter E5001-UVBLOCK for best results when imaging SmartGlow, SYBR or ETBR stained gels.

The E3100 myView™ Transilluminator has a surprisingly small footprint (smaller than a standard piece of paper). However, the viewing surface is large enough to accommodate a mid-sized gel or multiple smaller gels. The 16.5 x 13.5 cm filter glass is scratch resistant to allow band excision with a metal blade.

The Accuris™ E3000 UV Transilluminator features a space-saving design, with a width of only 10.5 inches, to fit perfectly in any busy laboratory. However, the 16 x 19 cm UV viewing surface is sized to accommodate large gels or multiple smaller gels. The illuminated surface is comprised of a special black glass which is easy to clean, durable and scratch resistant.

An array of high intensity UV bulbs coupled with an optimized filter provides even illumination across the viewing surface and allows detection of small sample quantities. The dual intensity switch can be used to lower the UV intensity to 50% to reduce DNA damage during long exposure times, or switch to high intensity (100%) for viewing weak fluorescent signals or for photo documentation.

The acrylic UV blocking cover allows safe viewing of samples and has two friction hinges on the front edge to allow angling of the cover for gel access. The cover can be positioned to 90° - straight up - to fit a gel imaging hood, such as the Accuris SmartDoc™ imaging enclosure.

Ordering Information:

Item No.	Description:
E3100*	Accuris™ Compact UV Transilluminator
E3000*	Accuris™ UV Transilluminator
E5001-SD	SmartDoc™ Imaging Enclosure with orange photo filter
E5001-535	SmartDoc photo filter, 535nm for imaging green stains on UV
E5001-590	SmartDoc photo filter, 590nm for imaging EtBr on UV
E5001-UVBLOCK	SmartDoc filter, blocks UV wavelength, optimized for use on E3100 transilluminator
E4000-VG1	SmartBlue Plus Viewing Glasses

*115V with US plug. For 230V (EU plug), add (-E).

Technical Data:	E3100	E3000
Light Source:	4 x 6 Watt UV bulbs	4 x 8 Watt UV bulbs
Wavelength:	302nm	
Intensity Control:	N/A	Low (50%) or High (100%)
Viewing Surface:	16.5 x 13.5 cm	16 x 19 cm
Dimensions: (W x D x H)	10 x 8 x 2.75 in. / 25 x 20 x 7 cm	10.5 x 13 x 5.5 in. / 26.5 x 32.5 x 14 cm
Weight:	2 lbs. (0.9kg)	12 lbs. (5.5kg)
Electrical:	115V or 230V, 50Hz to 60Hz	
Warranty:	2 years	