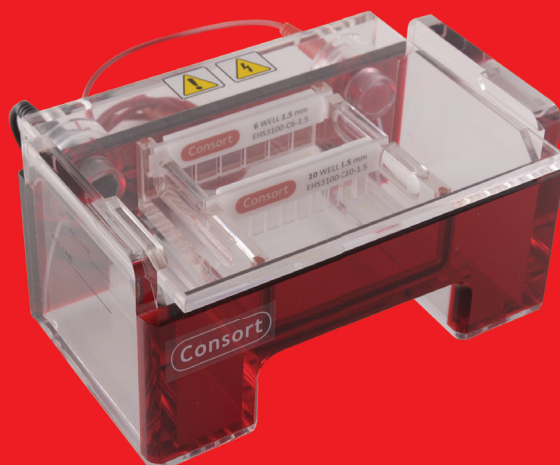
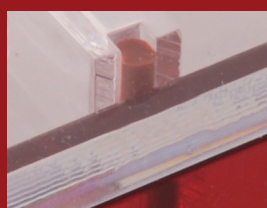


- Finger grooves on the tray sides for easy handling
- Wide range of comb configurations
- Selected units available with buffer recirculation capabilities
- Combs specifications clearly marked on each comb
- Advanced casting systems
- UV transmissible gel trays with
  - Built-in fluorescent rulers
  - Multiple comb slots
- High quality 9mm thick rugged acrylic construction
- Interlocking lid
- Protected sockets with permanently attached power cords
- Epoxy sealed electrode connections, resist corrosion and leaks
- Gold plated banana plugs
- Meets or exceeds IEC1010-1 standards



With the EHS3000 series Consort is introducing a new high quality standard for electrophoresis tanks. Every tank is designed and produced with much care for the customer. The tanks are made completely from cast acrylic ensuring a high material quality.

Various features, innovations and details make this tank easy to use, elegant and very durable.



**Automatic buffer recirculation (available on selected units)** reduces detrimental ion and pH gradients in your buffer, providing even migration for long running gels. Hydrogen bubbles created at the cathode carry buffer along a canted recirculation tube, providing a gentle, reliable and self-contained recirculation system that is self-regulating and requires no additional tubing or equipment.



**RapidCast™ gel casting technology** is ideal for most small gel units with trays that are approximately equal in width and length. The dimensions of all cast-in-place gel trays are adjusted so that when the tray is placed crossways in the gel tank, the gasketed ends of the gel tray fit precisely against the walls of the buffer chamber. This forms a leak-proof seal for quick gel pouring.

Turn tray crossways in the gel base to seal and pour.  
Align with the platform to run. No tape! No Leaks! Fast & Efficient.



### ExpressCast™ gel casting technology

High throughput / high resolution systems require gel trays too long to fit crossways in the gel tank. For easy tapeless casting with these units, the ExpressCast™ system has been developed. ExpressCast trays incorporate removable gasketed end gates. These end gates fit into slots at both ends of the tray, to form a quick leak-proof seal for gel casting. Because the length of ExpressCast trays is not constrained by the width of the gel unit, these trays can accommodate longer run lengths or more sample capacity.

ExpressCast trays are also compatible with gel units from many other manufacturers.

ExpressCast™ trays include end slots into which fit gasketed end gates, for easy in-tray gel casting. Fit end gates into trays for a quick and leak-proof seal. No tape! No Leaks! Fast & Efficient.

Code	Description
EHS3100-SYS	Mini horizontal unit, gasketed UVT gel tray 7x8 cm + 2 combs (6, 10), RapidCast technology.
EHS3200-SYS	Mini horizontal unit, gasketed UVT gel tray 9x11 cm + 2 combs (10, 14), RapidCast technology.
EHS3300-SYS	Mini horizontal unit, gasketed UVT gel tray 12x14 cm + 2 combs (12, 20), RapidCast technology.
EHS3350-SYS	Mini horizontal unit, gasketed UVT gel tray 12x14 cm + 2 combs (12, 20), RapidCast technology. Buffer Recirculation.
EHS3400-SYS	Wide horizontal unit, UVT gel tray 15x15 cm + end gates + 4 combs (2x 17, 2x34). ExpressCast technology.
EHS3410-SYS	Long horizontal unit, UVT gel tray 15x25 cm + end gates + 4 combs (2x 17, 2x34) + leveling screws + bubble level. ExpressCast technology.
EHS3500-SYS	Wide horizontal unit, UVT gel tray 20x25 cm + end gates + 3 combs (16, 24, 36) + leveling screws + bubble level. ExpressCast technology.
EHS3600-SYS	Wide horizontal unit, UVT gel tray 23x14 cm + end gates + 4 combs (4x 50) + leveling screws + bubble level. ExpressCast technology.
EHS3610-SYS	Maxi horizontal unit, UVT gel tray 23x25 cm + end gates + 4 combs (2x 25, 2x50) + leveling screws + bubble level. ExpressCast technology.
EHS3660-SYS	Maxi horizontal unit, UVT gel tray 23x25 cm + end gates + 4 combs (2x 25, 2x50) + leveling screws + bubble level. ExpressCast technology. Buffer Recirculation.
EHS3620-SYS	Ultra horizontal unit, UVT gel tray 23x40 cm + end gates + 4 combs (2x 25, 2x50) + leveling screws + bubble level. ExpressCast technology.



Artistic in science

Consort bvba  
Parklaan 36  
B-2300 Turnhout  
Belgium

Telephone [\(+32\) \(0\)14 41 12 79](tel:+322014411279)  
Email [info@consort.be](mailto:info@consort.be)  
Sales [sales@consort.be](mailto:sales@consort.be)  
Support [support@consort.be](mailto:support@consort.be)  
Website [www.consort.be](http://www.consort.be)