

CONTROLLED ENVIRONMENT ACCESSORIES

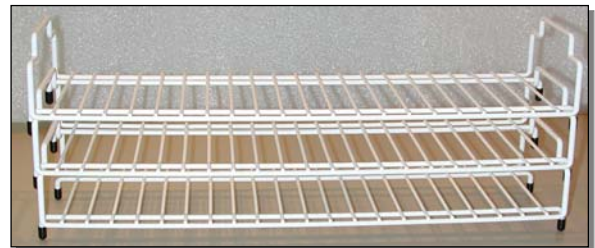
Series 5700

Accessories for ETS Chambers, Storage Cabinets & Controllers

Carts (Model 5701-8xxx*): Steel tubular frame, height adjustable in 1" (25mm) increments, with heavy-duty wire shelves. Finished with a clear acrylic coating over bright zinc-chromate. Sizes range from 24-72"W to 18-36"D (61-183cm to 46-92cm) to hold standard and custom chambers and storage cabinets. Includes bottom shelf for all table height units. Carts equipped with swivel, locking or rigid 5" casters in standard or conductive (ESD) versions. Tote boxes and slides that mount under top shelf for storage can be special ordered.



Sample Racks (Model 5702-0023-0012): Stackable wire steel shelves with durable white powder coat finish measures 18"Wx6"D (61x15cm). Ideal for total exposure of both sides of test specimens in controlled environments. Spacing between shelves when stacked is 2" (51mm). Order individually.



Desiccant (Model 5703-Pt#): Desiccant is #8 mesh Calcium Sulfate (CaSO_4). Available in 5 lb (2.2kg) [Pt# 0122-00002] and 25lb (11kg) [Pt# 0122-00003] containers for replacing desiccant and in 1 lb (.45kg) [Pt# 0122-00001] and 2.5 lb (1.1kg) [Pt# 57101] columns for direct substitution of exhausted desiccant in long term drying applications. Other desiccants such as Silica Gel are available on special order.



Fans (Model 5704-EL92-50001): Quiet, long lasting 4" (102mm) muffin fan to circulate air within an enclosed environment at 110cfm (3115 lpm). Includes #6-32, 1" (25mm) mounting studs to facilitate air circulation. For 230VAC/50Hz order Pt# EL92-50002. Different capacity plus intrinsically safe fans are also available on special order. Speed control is available as an option.



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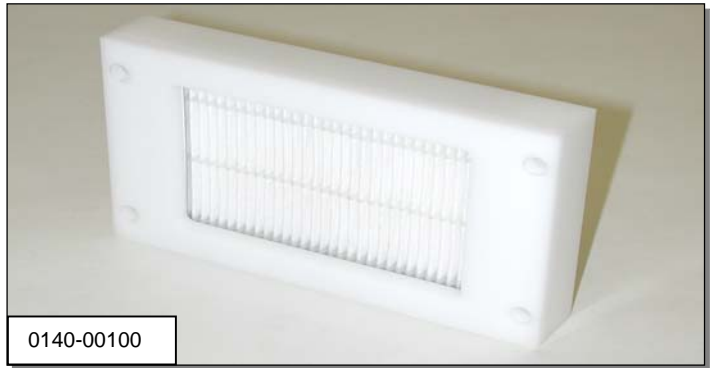
Filters (Model 5705-Pt#): Filters are available to trap micro-particles at the input, vented or recirculated air configurations.

Full HEPA class filters placed in the input airflow have replaceable 1.9" (47mm), 0.22 micron, Teflon[®] membranes. They can also be used in venting if exhaust assist is used (Pt# 0140-00105).

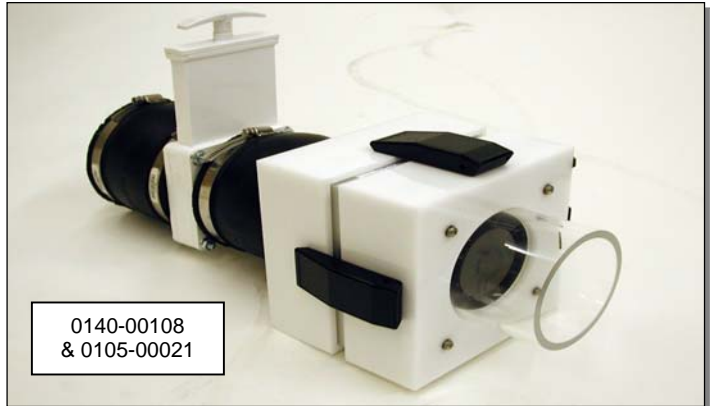


HEPA media filters with gasket trap can particles as small as 0.3 microns and generally are used in recirculation and venting applications (Pt# 0140-00100).

In-line units with replaceable 5 micron porous polypropylene filters (not shown) prevent desiccant dust from entering the dried air stream (Pt# 0140-00107). Unit measures 2.5"x4"x.56" (64x102x14mm)



A HEPA filtration system to filter input and/or output air (Pt# 0140-00108) features a 6"x6"x3" (152x152x71mm) certified, replaceable filter element housed in a 7"x7"x4" (180x180x102mm) white acrylic housing with 3" (76mm) diameter inlet/outlet ports. The unit incorporates an 110cfm fan to move air through the filter. Shown with optional gate valve to manually control air flow in or out of the chamber.



AC Outlets (Model 5706-8xxx*): Allows powered accessories inside a chamber to be connected to a common power bus. Standard configurations include single or dual gang aluminum enclosure with North American GFI outlet. Multi outlet socket strips are also available. British, European and other 220-240 VAC outlets can be special ordered.



Gloves & Iris Ports (Model 5707-Pt#): Standard gloves supplied with ETS chambers either are 6" (12cm), single piece 0.020"(0.5mm), size 10 latex or replaceable hands installed onto 8" (20cm) neoprene accordion sleeves. Special applications may require different glove type or polymer. Available types are one piece, accordion sleeve with replaceable hands, and bonded sleeve/glove combinations to fit 6", 8", 10" & 12" (12, 20, 25, 30cm) ports. Gloves are available in Hypalon, Butyl, Nitrile, Viton, Neoprene and static dissipative latex. Nitrile also works well in ESD applications. Material being handled usually determines the polymer type required. Iris ports (PT# 0140-00026 are made from heavy-duty silicone. They allow bare hand entry for delicate manipulation inside the chamber (Not recommended for closed loop dehumidification below 20% RH).



Sensors (Model 5708-Pt#): ETS controllers can be configured to display and/or control virtually any parameter that can be measured with a sensor having a linear output. Sensors currently offered are atmospheric pressure, 600-1100mbar @ $\pm 0.25\%$ fs (Pt# 0092-*) and pressure, -14.7 to 30psi @ $\pm 1\%$ fs (Pt# 0092-*) Available on special order are CO₂, 0-1000ppm @ $\pm 2\%$ of reading (Pt# 0092-*). Other ranges and accuracies are available.



* Accessories that are customized to the application are assigned part numbers at time of order.