

Plastic Concepts Sterile Benches



Description

Sterile Benches are used for Semiconductor Testing, Electronics, Clinical Laboratories, and Hospitals. These benches use a HEPA filter which removes 99.99% of the particles in the air that are larger than 0.3 micron. They also exceed the class 100 clean work station requirements of the Federal Standard 209D and Air Force T.O. 00-25-203. Maintaining a flow of 90 fpm + 20% at static pressures of 0.6 to 1.2" of water, we use a solid-state-speed controller for adjusting the rate of flow. The pre-HEPA filter is made of washable, easy -to- remove polyurethane which lengthens the life of the HEPA filter. The motor is energy efficient, drawing only 5 amps with its 1/3 horsepower motor. A variety of fluorescent lighting is also available. If a custom size is required, please call and we will help design the correct sterile bench for your needs.

Construction:

- Constructed of white polypropylene.
- Electrical 115v, 15 amps for light and blower. Three prong cord 15' long
- Internal wiring: 12/3 gauge cord with rubber coating
- The clean bench is supported by a painted steel frame with stainless steel leveling feet
- Operation manual and test certification.

Equipment:

- Variable speed blower
- Vapor-proof fluorescent lighting

- HEPA Filter, 99.99% efficient on .3 microns
- Pre-filter, large contaminant particle removal
- Magnehelic air pressure gauge to monitor HEPA filter replacement
- Audible alarm monitoring exhaust pull

Options:

- Amber lighting for photo-resist
- Hood colors: blue, black or combinations of colors
- Static control devices
- G.F.I. receptacles

Fixtures:

- Serrate cocks for gas, air, vacuum and liquid, N2 and DI guns

