

**750**

**LAMINAR TABLETOP WORKSTATION**

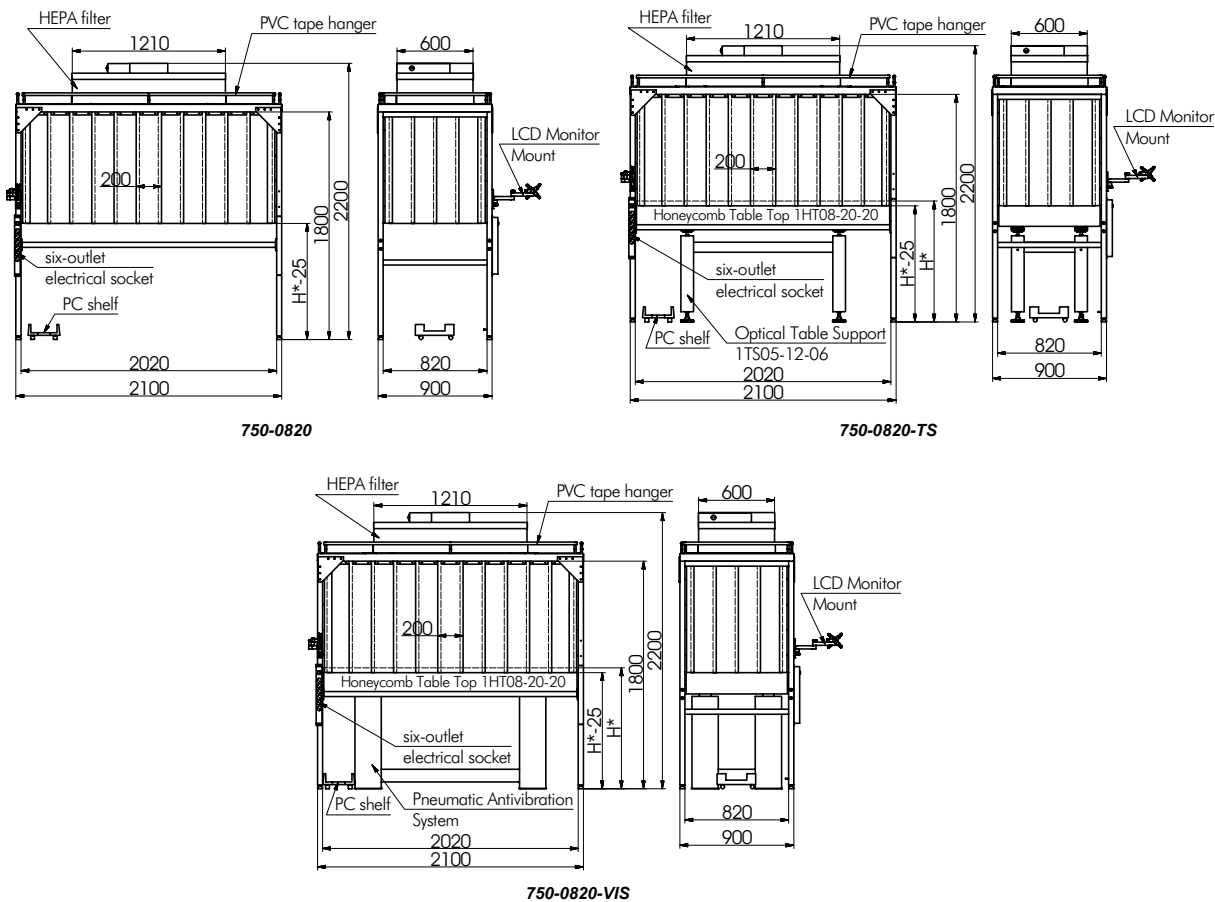


Laminar Flow Workstation 750 is designed to provide a clean environment in any laboratory or workshop. Our filtering unit 750 consists of a HEPA air filter and a steel frame complete with odorless plastic curtains. The vertical aligned flow of filtered air ensures that clean air flows uniformly over the workstation, keeping your samples, or optics in a clean managed environment. In a laser optics manufacturing, a laser repair or research environment, cleanliness of optical surfaces is imperative. The millions of particles present in most laboratories can fall onto optical surfaces, or they can be carried to optical surfaces by the energy in a laser beam. Once on the surface the lasing beam will burn the particles onto the coating, causing attenuation of the intra cavity energy. In addition the burnt particle will absorb more energy and cause localized heating on the surface of the optic. The localized heating can cause thermal lensing and damage to the optical coating. When adding the 750 Filtering Unit to your optical table you remove the particles and therefore the potential damage to your optics.

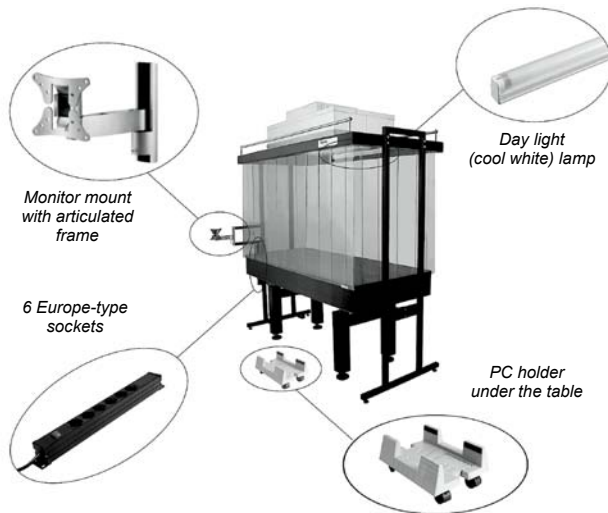
- Extremely quiet fan <50 dBA
- Odorless plastic curtains
- HEPA air filter

**ORDERING INFORMATION**

As an example model – 750-0820-TS combines the proven 720-0820 (800 × 2000 × 200 mm) honeycomb tabletop, the sturdy 766-0512-AR table support and the air filter unit complete with curtains. For greater stability and performance we suggest ordering a workstation with vibration isolation system (750-0820-VIS) instead of static rigid supports (750-0820-TS).



## Features included to Laminar Tabletop Workstation:



Additional featured units can be ordered separately.

## FILTER SPECIFICATION

- Low sound, low watts, low profile, and low operating costs.
- Three speed switch features low, medium, and high settings; standard on all 2 ft × 4 ft (600 mm × 1210 mm) and 2 ft × 3.5 ft (600 mm × 1057 mm) units.
- Solid-state speed control standard on 2 ft × 2 ft (600 mm × 600 mm) and 2 ft × 3 ft (600 mm × 905 mm) units.
- Forward-inclined centrifugal-type fan.
- High Efficiency Particulate Air (HEPA) UL 900 Filter: 99.99 % efficient @ 0.3 micron.
- Extremely quiet <50 dBA.
- Snap-in pre filter allows for easy replacement and maintenance.
- Mill finished aluminum exterior.
- Tested to IEST recommended RPC standards.
- UL listed (120 V, 240 V, 277 V) with standard UL 900 filter.

## ORDERING INFORMATION

Code	Description
750-0820	Laminar Flow Workstation Air filter unit complete with curtains, for tabletop sized 800x2000 mm. Does not include tabletop or its legs.
750-0820-TS	Laminar Flow Workstation with rigid Table Supports <i>Includes:</i> Tabletop 720-0820 (800 x 2000 x 200 mm) Rigid table support 766-0512-AR 750-0820 air filter unit complete with curtains
750-0820-VIS	Laminar Flow Workstation with Vibration Isolation System <i>Includes:</i> Tabletop 720-0820 (800 x 2000 x 200 mm) Pneumatic vibration isolation system 742-7004 750-0820 air filter unit complete with curtains

