

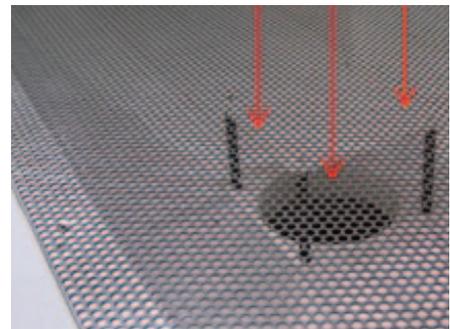
TPE's Mobile Downdraft Bench brings ductless **dust extraction capability** to the location where and when it's needed within the laboratory. While potentially suitable for many fine powders, this product has proven itself in police laboratories where fine fingerprint powder is used.

The Mobile Downdraft Bench features a chemical-resistant work surface beside a perforated steel grill which serves both as a second work surface and as the dust extraction inlet. Any airborne powder in the vicinity is suctioned through the grill and is captured by the pre-filter or the HEPA filter; the cleaned air is expelled from the front of the unit back into the lab. The HEPA filter is rated at 99.99% efficiency at 0.3 microns.

Below the inlet grill is an easy-to-see and simple-to-clean Polypropylene throat. Doors open to reveal the exhaust fan, the ON/OFF switch, and the Fan Speed control. Filter change is accomplished by removing access panels in the back and front of the unit. A power cord and plug are located on the right-back corner of the Downdraft Bench. The Downdraft Bench is compatible with standard 10A power.



Mobile Downdraft Unit, airflow path shown.



Perforated work surface/inlet grill (Stainless steel option shown).

## Specifications

Electrical	230V AC single-phase, with 2M cord and standard wall plug
Cabinet	18mm white MDF, 1400mm W x 750mm D x 900mm H above floor
Typical Work Surface	Wilson Art Chemsurf high-density, chemical resistant laminate
Inlet Grill/Work Surface	Powder-coated perforated steel, 700mm W x 500mm D
Exhaust Fan	Variable Speed, capable of 180L/sec airflow volume
Filters	H14 HEPA and G4 Pre-filter
Casters	Four-75 mm diameter rubber wheels, two lockable

## Options

- ▶ Upgrade perforated work surface to 304 Stainless Steel.
- ▶ Larger bench units available.