



SAFE-T-SHIELD™

Barrier with Integrated Extra Oral Suction

**MOBILE and
INSTALLED
versions**



A New Category of Safety

for Dentistry, Medicine or any profession
with a **High Exposure to Oral Vapor.**



ergonomic products
Performance Without Compromise™

198 Airport Rd • Fall River, MA
www.ergonomic-products.com
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SAFE-T-SHIELD™

Barrier with Integrated Extra Oral Suction

Protect your team by controlling aerosols, spray and bioburden ejection *at their source.*

By creating a broad **negative pressure zone** directly above the oral cavity, the Safe-T-Shield provides **more powerful evacuation** of patient exhalation than single point oral suction devices. The Shield also provides an **absolute barrier** to droplet and bioburden ejection while still allowing comfortable access to the treatment zone.

Creating a **laminar air flow** to the manifold for better aerosol capture, the curved Shield has a **total volume of over 5 times** the average adult male exhalation to ensure comprehensive containment.

Aerosol Control:

- Extraoral suction via ducted manifold
- 130 cfm (filter assembly included)

Exhaust Filtration, Mobile Unit:

- H13 level three-stage filter for 99.97% filtration at 0.3 μm
- Integrated UV spec 265-285nm sterilization

Particle Barrier & User Function:

- Shield barrier, approx. 21" x 14"
- Track-mount (installed) or as Mobile unit
- Height adjustable
- Fully articulating Shield provides unrestricted access



Installed version



THE SAFE-T-SHIELD is available in both **MOBILE** and **INSTALLED, TRACK-MOUNTED** versions.

The Mobile unit is ideal for getting your practice up and running as quickly - and safely - as possible.

For long term **Standard of Care**, we recommend the Installed version, which provides better filtration (H14 or external venting), reduced maintenance time and costs, lower noise levels and significantly better space efficiency.

Suction and filtration rates given are based on the mobile version. Specifications for installed units should remain above 130 CFM, but may vary depending on the central vacuum installed at your facility. We will consult with your HVAC provider for installation.

MOBILE UNIT SPECIFICATIONS

Duct: Φ 75mm x 1500mm

Power: 110-120VAC, 250W max

Filter Efficiency (0.3 μm): 99.97%

UV Spec: 265 - 285nm, 2.26mW/cm²

Volume (Filter included): 220m³/h (130 cfm)

Shield Surface Area: 1890cm²



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