

The ProCenter

A Workstation and Dust Collector In a Single Free-Standing Unit



Comco's ProCenter combines an extra large workstation with a powerful dust collector. It provides a compact, comfortable, and clean work chamber for use with any Comco MicroBlaster[®], DirectFlo[™], or PowerFlo[®] abrasive blasting machine.

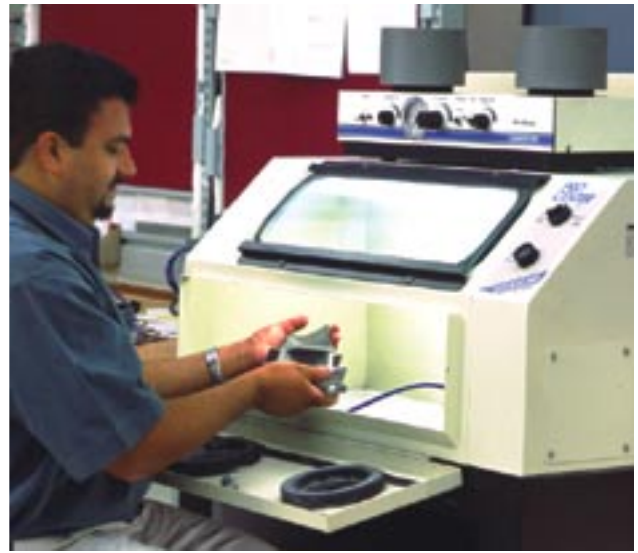
Comco Inc. 2151 North Lincoln Street, Burbank, CA 91504-3344, USA
818-841-5500 / Fax: 818-955-8365
www.COMCOinc.com / E-mail: sales@COMCOinc.com

COMCO INC.
800-796-6626

The Complete Solution



Engineered as a single, free-standing unit, Comco's ProCenter provides excellent visibility and operator comfort. It performs the double duty of a micro-abrasive blasting workstation and a dust collector – *for the total solution!*



Superior Dust Collection

Equipped with a sturdy 1/2 HP motor, the dust collector generates 450 SCFM of airflow. The ProCenter's advanced downdraft technology uses the exceptional airflow to efficiently evacuate spent abrasive from the work chamber. This keeps the work area clean and provides the operator with excellent visibility.

Spent media is trapped by the cartridge filtration system incorporated into the dust collector compartment. An automated shaker is used to clean the filter and drop the spent abrasive into a convenient hopper.



Operator Comfort

The ProCenter is ergonomically designed with hand holes centered 35" above the floor to allow the operator to sit comfortably at the workstation. If it is more convenient to have the operator standing, optional risers may be installed at the factory. The 28" wide front-loading door and an oversized abrade chamber enable the operator to comfortably handle large parts. The wide, tempered glass viewing window and dual 18" fluorescent lamps optimize the operator's ability to see the work piece clearly while blasting.

Superior dust collection ensures the operator has a clean, dust free environment in which to work. In addition, an integral silencer reduces noise to ensure quiet operation.

The ProCenter is a compact and self-contained unit, making it easy to install in any production area. Optional locking casters are available, which make movement of the entire system convenient and simple.

Practical Design

The ProCenter not only provides excellent dust collection and operator comfort, but also is practical for any facility. The space-saving design provides the full benefit of a workstation and dust collector in a single unit only 36" wide. Any MicroBlaster® model will sit above the work chamber, and an optional shelf is available for supporting a DirectFlo™ or PowerFlo® production blaster on the side of the unit.

Features

- Rugged steel construction for trouble-free operation
- 28" wide front loading door to accommodate large parts
- Dual fluorescent lamps and extra wide viewing window for increased visibility
- Sturdy 1/2 HP motor for exceptional airflow
- Integral silencer designed for quiet operation, even in an enclosed environment
- Advanced cartridge filter technology and downdraft design for maximum dust collection efficiency
- Convenient automatic shaker and storage hopper for quick, clean disposal of spent media



Options

- Shelf (CTR141)
Shelf kit to support a DirectFlo™ or PowerFlo® production blaster
- Casters, locking (CTR115)
Set of four locking casters to create a movable system
- Risers, factory installed (CTR148)
6" risers to convert ProCenter to stand-up height
- Polyester filter cartridge (CTR111-3)
For applications that blast with Sodium Bicarbonate
- Magnifier (MB4320-1)
Boosts operator visibility with 2.4x magnification and a wide field of focus

Specifications

Models:	CTR100 Standard unit CTR101 With ESD control features
Available in:	115v / 60Hz / 1 phase, 10 amp 230v / 50Hz / 1 phase, 5 amp ☑ compliant models available
Motor:	1/2 HP
Size:	36" Wide x 53" High x 30" Deep * * 24" of access required on each side for servicing the filter and motor. The motor protrudes 8" into this area on the upper right side of the ProCenter.
Interior Space:	30" Wide x 14" Deep x 14" High (approx.)
Door Opening:	28" Wide x 6" High
Window:	Tempered glass (fixed) 24" x 7 1/2"
Weight:	250 lbs. / 113 kg
Lighting:	Dual 20 Watt cool white fluorescent lamps, F20T12/CW
Air Flow:	450 SCFM
Filter:	130 sq. ft. pleated cartridge Reorder part No. CTR-111
Inlet Air Pressure:	Periodic 80 psi air supply of 10 SCFM for filter cleaning is required. ProCenters equipped with ESD control features require a continuous air supply of 10 SCFM.
Silencer:	70 dB efficiency
Compatibility:	Works with all models of Comco blasters





The Complete ESD Control Solution

Developed to meet strict military specifications and the demands of advanced technology, micro-abrasive blasting is a preferred method for selective conformal coating removal. It can handle numerous applications for repair and reworking of sensitive electronic components. If your micro-abrasive blasting involves conformal coating removal, PCB failure analysis, demarking on electronic components, refurbishing set-top boards, or any other static sensitive application, Comco's ESD Control ProCenter is designed just for you!

Our ESD Control ProCenter, model CTR101, incorporates all the features of our standard ProCenter, plus important extras specifically designed to minimize the effects electrostatic discharge can have on your valuable components.

Protection for Static Sensitive Operation

Ion Air Knife

The Ion Air Knife produces a balanced, laminar sheet of ionized air that floods the work chamber. Located in the ceiling of the chamber, it produces a charge-neutralizing environment that protects your valuable components using only a minimum of compressed air.

Custom ESD Control Handpiece & Nozzle

The ESD Control ProCenter utilizes a unique static dissipative handpiece with conductive nozzle that is installed directly into the work chamber.

Static Dissipative Floor Panels

Abrasive resistant floor panels are static dissipative. Additional protection is provided by a board edge-connector grounding bar and a needle probe.



Whether your application requires the extra protection of ESD Control or you simply need to improve your productivity and work environment, the ProCenter offers *the complete solution*.

Call today to put the ProCenter to work for you!

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