

**MBA**Mediablaster®
Cabinets By:**MEDIA BLAST®**
MADE IN THE USA591 W. Apollo St., Brea CA.
92821 (714) 257-0484
www.mediablaster.com

PrecisionEtch (Siphon)

Not all applications today require direct pressure abrasive delivery. In fact, some people prefer the siphon abrasive delivery system because of its simplicity of operation.

The PrecisionEtch machine is an ergonomically designed unit with a negative pressure filter cartridge dust collector that's almost HEPA quality and great for small spaces.

Many exclusive and patented features from the PrecisionBlast direct pressure machines are included on the PrecisionEtch machine. This makes it one of the cleanest siphon systems available in the market today!

The PrecisionEtch machine is a siphon machine designed to meet today's needs for clean operation often found in laboratories. This model includes the 700-cfm exhaust blower and exhaust blower silencer operating with more than 500 cfm removed from the cabinet during operation. This creates a clean working area with almost one air change per second inside the cabinet. Abrasive can't transfer into the dust collector because the machine is equipped with a *Patented Pneumatic Separator Reclaimer that cleans the abrasive and keeps it inside the cabinet. The machine includes a door that doesn't drop abrasive on the floor when it's opened, a 110 square foot cartridge filter that is almost HEPA quality in filtration, a dust collector cleaning cycle that operates while seated using an air pulse and pneumatic vibrator cleaning cycle. Also included is the LED floodlight located outside the cabinet and dust tight, the abrasive flow control valve is located in the mixing valve boot at the bottom of the hopper with the large drain.

The PrecisionEtch is today's technology for clean, efficient, and comfortable operation using 120 volt single phase electrical power. It can easily move into the home studio, workshop or industrial locations producing a clean workspace and a professional part when precision parts are being processed. The PrecisionEtch is what is not commonly found when looking for a small siphon blasting cabinet.

STANDARD FEATURES:

- Heavy Gauge 12 & 14 Gauge Steel Construction
- Padded Armrest with Ergonomic features
- Abrasive Feeder Boot with mixing valve and drain
- 100% Continuous Welded Cabinet Construction
- Laminated Safety Glass Window w/ Protector Glass
- Hopper Scalper Screen
- Patented Abrasive Reclaimer Separator
- Cartridge Filter Dust Collector, 110 sq. ft. surface area:
 - 550 operating cfm exhaust blower with silencer, one air change per second
 - Filter efficiency, 99.95% @ 0.5 micron
 - Air pulse filter clean with vibrator cycle
 - Hopper bottom dust collector dust storage
- 120 Volt Electrical
- .220 Tungsten Carbide Gun Assembly (12.8 cfm @ 60 psi) smaller guns available
- Flexible, Long Wear Blast Hose
- Blow-off Gun
- Pneumatic Blast Controls with:
 - Foot operated blast control, (no trigger gun)
 - Air regulator/gauge/filter
- No Spill Door Construction with Appliance Door Latch
- Attached Gloves, long cuff

*US 7,008,304

Need Help? Call Us! 714-257-0484 or 866-204-7068

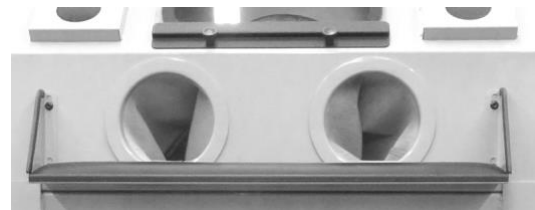
Visit Our Industrial Website for more models

www.mediablaster.com

PrecisionEtch Micro Mediablaster®



Standard padded armrest removed for shipment

**3624**36" x 24" x 23"H
Door 18" x 17"H

39" x 40" x 78"H

110 sq.ft. cartridge
1/2 hp 550 cfm blower
100% welded cabinet
Hopper dust storage

120V/60Hz/1Ph

Wood crate
425 lbs

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PrecisionBlast (pressure)

The Precision Blast is a direct pressure machine designed to meet today's needs for part processing when a Pencil Blaster is too small and slow and an Industrial Blaster is just too large. Micro machines must include the right abrasive flow controls, which the Precision Blast has, or they simply don't work properly. With just over 1 pound of abrasive delivered out the nozzle per minute, 60 pounds per hour, and the ability to recycle the abrasive, even 50 micron, the Precision Blast is much faster than a pencil blaster with higher frictional heat at a much lower processing pressure. Additionally, this model can recycle the abrasive, keeping it out of the dust collector, unlike pencil blasters that only use the abrasive once. It also aerates the abrasive using one air change per second and the optional *patented high-efficiency separator reclaimer allows operation using 50 micro abrasive sizes.

This unit can be used to de-burr and texture medical tools remembering that direct pressure blasting allows through-hole processing making the part an extension of the nozzle. It's possible to operate the machine, load parts, reload the 50 lb. ASME coded pressure pot, and also clean the dust collector from the front of the machine - standing or seated.
*US 7,008,304

STANDARD FEATURES:

- 100% welded cabinet
- 50 pound pressure pot with access port (ASME Coded)
- True ergonomics for sitting or standing operation
- Movable floor pedal, guarded pedal available
- No spill side access door with lockable door latch
- Adjustable abrasive flow control using compressed air
- 3/32" boron carbide nozzle
- *Patented abrasive separator reclaimer 80 to 240 mesh abrasive*US 7,008,304
- Dust collector 100% welded cartridge filter with air pulse and vibrator cleaning cycle, includes hopper bottom dust storage
- 700 cfm class III exhaust blower (550 running) with silencer, 1 air change per second
- 110 sq.ft. filter cartridge dust storage area
- Hopper dust storage
- All blast controls
- Foot operated blast valve
- Long wear high pressure on-off blast valve
- Air regulator/filter and gauge
- 3-way pot quick fill valve
- Advanced LED cabinet lighting
- Perforated steel work grating
- Hopper scalper screen
- Safety glass view window with window protector glass
- ClearView® Window sweeps
- Blow-off gun
- Padded armrest
- Safety door interlock

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PrecisionBlast Micro



All New
Easy to use Operator Dash
with Quick 3-Way Pot File
Circuit



- ✓ Create more frictional heat than pencil blasting systems.
- ✓ Recycle expensive 50 micron abrasive using the optional high-efficiency separator reclaimer
- ✓ Patented Separator Reclaimer keeps the abrasive from entering the dust collector
- ✓ Two ways to clean the dust collector or use both at the same time for a clean dust collector and clean area
- ✓ Simple 120 volt machine operation
- ✓ 9.5 cfm @ 60 PSI compressed air usage

362436" x 24" x 23"H
Door 18" x 17"H

39" x 40" x 78"H

110 sq.ft. cartridge
1/2 hp 550 cfm blower
100% welded cabinet
Hopper dust storage

120V/60Hz/1Ph

Wood crate
425 lbs