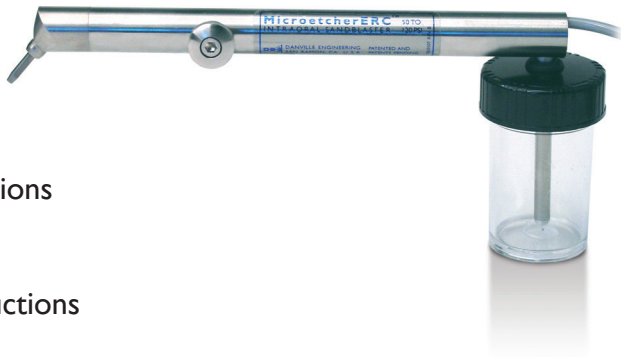


INSTRUCTIONS

MICROETCHER[®] ERC

SANDBLASTER



- Installation
- Operation instructions
- Indicated uses
- Disinfection
- Maintenance instructions

Patented

RxOnly

PRODUCT DESCRIPTION

MicroEtcher ERC is a handheld dental sandblasting unit for dental lab applications. Surface area and surface reactivity are dramatically increased for maximum bonding. MicroEtcher ERC can be cold sterilized but not autoclaved. It is not intended for intraoral use, and features stainless steel construction.

INSTALLATION

Pressure: 40 to 100 psi (2.6 to 6.6 bars) @ 1 cfm (30ccm/m)
Dramatically faster etching at higher pressures.

- Connect to full pressure house air in junction box or cart.
- Quick disconnect kits & 2 or 4 hole hand piece adapters available.

SAFETY

- Do not spray into gingiva for risk of air embolism.
- Protect eyes, nose & optical equipment.
- Not intended for intraoral use.
- Clinical use which is not in accordance with the indicated uses listed in this manual should be avoided.

ABRASIVE SELECTION

- Aluminum Oxide 50 micron white - Universal etching of all restoration and tooth surfaces, cement removal.
- Aluminum Oxide 90 micron tan - More rapid cement removal and etch. Use on metals only.
- Sodium Bicarbonate - Prophylaxis jar should not be filled over 3/4 full.

OPERATION

- Hold nozzle 2 to 10 mm from surface, depress finger button. Move in slow, even sweeps. Thoroughly etched appearance achieves maximum result. Continued etching will reduce non metallic surfaces.
- Nozzle assembly may be rotated 180 degrees in either direction. Additional rotation will kink internal tubing.

NOZZLE

- Tungsten carbide with mount, 0.048" ID

INDICATED USES

- Porcelain repair & Maryland Bridge repair.
- Etch all metals, composites, acrylics, porcelain & remove cement.
- Orthodontics - etch all bands & brackets. Remove cement.

DISINFECTION

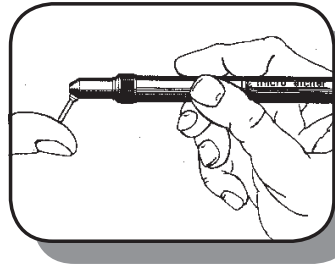
Plastic sleeve covering Microetcher with tip pierced through limits exposure to tip.

The carbide tip can be unscrewed and steam autoclaved at 132°C (270°F) at 27.4 psi for 15 min.

TROUBLESHOOTING

Air flow but no or sporadic abrasive flow.

- Back flush by placing finger over the nozzle and depressing the finger button very briefly. (see illustration)
- Check abrasive fill, or for moist or lumpy abrasive.
Worn nozzle; replace carbide tip.



LIMITED AIR FLOW

- Check air pressure.

CHANGING ADAPTOR O-RINGS

Annual Tip Replacement








Worn carbide tips result in greatly reduced performance. Unscrew with soft jaw pliers. New tips must be fully screwed in.


NOTICE OF SAFETY & LIABILITY

Carefully read instructions before use. For professional use only. User assumes full responsibility for safe use and assumes complete responsibility for loss or injury from use. In all cases, original jurisdiction shall rest in San Diego County, Ca. USA.

DEFINITIONS OF SYMBOLS

The following symbols may appear on the product packaging or labeling.

Symbol	Definition	Symbol	Definition
	Reference number		Lot number
	Use by		Manufacturer
RxOnly	Caution: Federal law restricts this device to sale by or on the order of a dentist.		European Community Authorized Representative
	European Mark of Conformity		Consult instructions for use

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