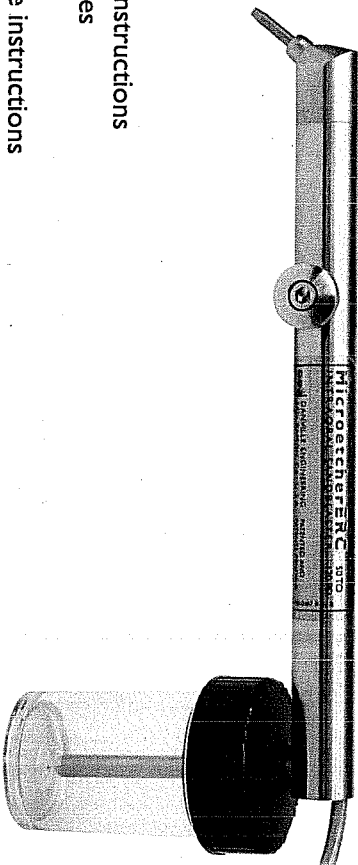


INSTRUCTIONS

MICROETCHER ERC SANDBLASTER



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

DANVILLE ENGINEERING & MATERIALS



3420 FOSTORIA WAY SUITE A-200 SAN RAMON, CALIFORNIA 94583 FAX 925/973-0764

925/973-0710 • 800/827-7940

INSTALLATION

Pressure: 40 to 100 psi (2.6 to 6.6 bars) @ 1cfm (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.

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 $\frac{3}{4}$ 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 deg. in either direction. Additional rotation will kink internal tubing.

NOZZLE

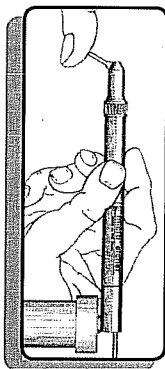
Tungsten carbide with mount, .048" ID

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.



TROUBLE SHOOTING

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

TIP REPLACEMENT

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 Contra Costa County, Ca, USA.



DANVILLE MATERIALS
INNOVATIVE DENTAL PRODUCTS

Patented **CE**

3420 FOSTORIA WAY STE.A-200 SAN RAMON, CALIFORNIA 94583
PHONE (925) 973-0710 (800) 827-7940 FAX (925) 973-0764
www.danvillematerials.com

0148 REV F