MICROETCHER™ ACCESSORIES

INSTALLATION INSTRUCTIONS

DESCRIPTION

Instructions for installation of various MicroEtcher accessories and connectors within a dental operatory.

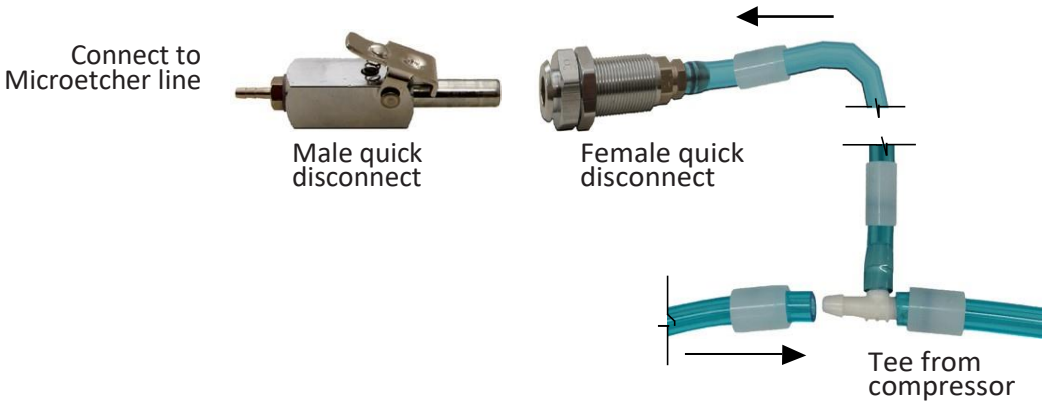
GENERAL REQUIREMENTS

As stated in the Instructions for Use provided with the MicroEtcher, the MicroEtcher sandblaster requires a compressed air supply in the pressure range of 60 to 100 PSI. A pressure source less than 60 PSI will cause the sandblaster to etch surfaces at a significantly reduced rate. Most dental operatories will have an incoming air supply of 80 to 100 PSI, with a secondary air regulator set at 25 to 40 PSI for the chairside cart to be used with dental handpieces. Do not connect the MicroEtcher to the handpiece line if the pressure is too low; connection must be made before the pressure regulator. Specially dried or dehydrated air is not necessary.

A fitting (see NOTE in INSTALLATION PROCEDURE below) may be connected directly to the supply air source. A preferred hook up system is shown below; here the quick disconnect fitting is placed just downstream from the tee.

Quick disconnect fittings and tees are available from dental supply companies.

NOTE: Do not use Teflon Tape to seal threaded joints - use Teflon Paste or Pipe Dope.



INSTALLATION PROCEDURE

CAUTION: Turn off the compressor and release pressure before proceeding.
NOTE: If the air supply line from the compressor to the chairside cart is anything other than 1/4” OD polyethylene tubing, special fittings are required. Danville Materials LLC carries fittings for both 3/8” copper and 3/8” polyethylene tubing.

1. Identify which connector(s) you will be installing in the MicroEtcher Hook-up Guide below.
2. Locate the air pressure supply line close to the desired work area. In new buildings the compressed air supply line is normally a 1/4” polyethylene tube.
3. The female quick disconnect fitting contains an automatic shut off and attached plastic air line with attached tee.
4. The fitting contains a locking nut so it may be panel mounted. Note the fitting should be mounted to the panel before being attached to the air supply.
5. Cut the air supply line, slide the large white plastic locking sleeves onto each end of the cut tubing.
6. Install the tee into each side of the cut tubing and slide the white locking sleeve toward the tee to

secure the tubing with the tee.

7. Install the small white plastic locking sleeve onto the MicroEtcher tubing then attach the tubing to the barb on the male quick disconnect, slide the white plastic locking sleeve up until it stops.

MICROETCHER HOOK-UP GUIDE

AIR SOURCE 50-100 PSI	DESCRIPTION	DIAGRAM	COMPLETE W/ MALE QUICK DISCONNECT	2nd STATION W/ FEMALE QUICK DISCONNECT
Laboratory Stopcock	HOOK-UP: permanent installation NO quick disconnect		Part No. 44025	N / A
Laboratory Stopcock	Laboratory Quick Disconnect		Part No. 44007	Part No. 44017
Chairside, inline 1/4" OD Plastic Tubing	Quick Disconnect with Plastic Tee		Part No. 44000	Part No. 44010
Chairside, inline 3/8" OD Plastic Tubing	Quick Disconnect with Plastic Tee		Part No. 44001	Part No. 44011
Chairside, inline 3/8" OD Copper Tubing	Quick Disconnect with Brass Tee		Part No. 44016	Part No. 44015
for connection to female Quick Disconnect	Male Quick Disconnect for MicroEtcher Line		Part No. 44020	N / A

DEFINITIONS OF SYMBOLS

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

SYMBOL	TITLE	EXPLANATORY TEXT	STANDARD	REFERENCE
	Manufacturer	Indicates the medical device manufacturer	ISO 15223-1	5.1.1
	Authorized Representative in the European Community/European Union	Indicates the authorized representative in the European Community/European Union	ISO 15223-1	5.1.2
	Catalogue Number	Indicates the manufacturer's catalogue number so that the medical device can be identified	EN ISO 15223-1	5.1.6
	Batch Code	Indicates the manufacturer's batch code so that the batch or lot can be identified	EN ISO 15223-1	5.1.5

CE	European Mark of Conformity	Indicates device is in conformance with Medical Device Regulation EU 2017/745EU	MDR EU 2017/745	Annex V
Rx only	Rx only	Caution: Federal law restricts this device to sale by or on the order of a dentist	US Code of Federal Regulations, Title 21	801.15(c)(1)(i)(F)
MD	Medical device	Indicates the item is a medical device	ISO 15223-1	5.7.7
UDI	Unique Device Identifier	Indicates a barcode as containing Unique Device Identifier information	ISO 15223-1	5.7.10
QTY	Quantity	Indicates the number of items within the package	N/A	N/A
	Date of Manufacture	Indicates the date when the medical device was manufactured.	EN ISO 15223-1	5.1.3

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