



DENTO-PREP™

Aluminium Oxide Microblaster

Introduction to **DENTO-PREP™**

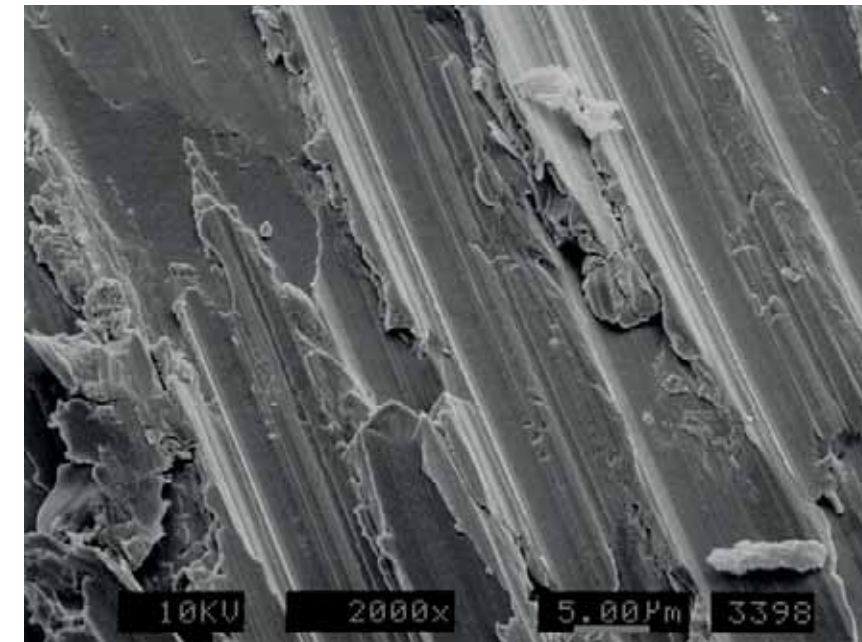
- **DENTO-PREP™** Microblaster is used with aluminium oxide powder for the micro-roughening of ceramic, composite and metal surfaces.
- The system offers a variety of installation options.
- A complete system that can be installed and used with ease.



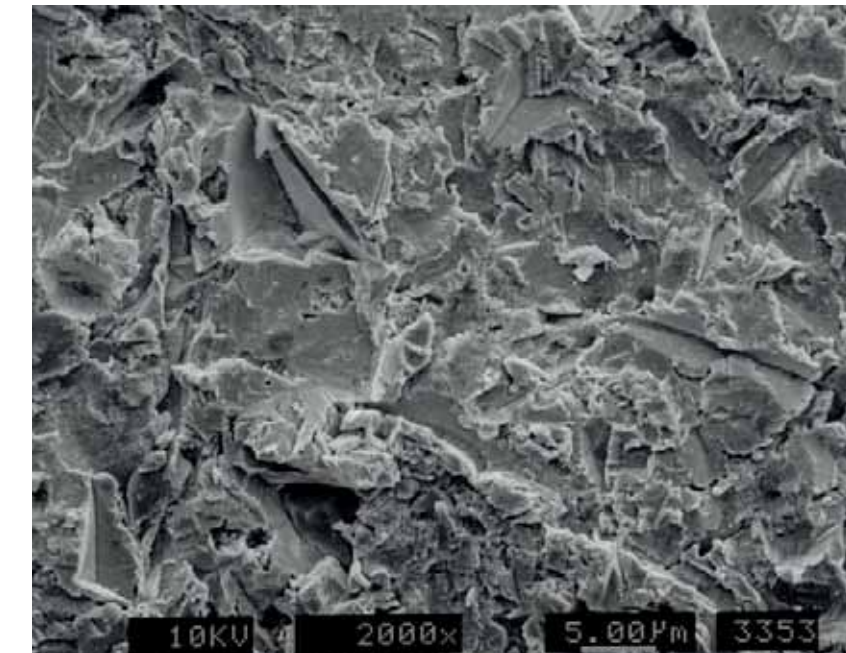
WHY MICRO-ROUGHENING

Roughening a surface with micro-particles will increase the surface area and thereby secure a very strong bonding ability.

Surface Area Comparison SEM of non-precious alloy casting (2000x)



Bur roughened



Micro-roughened w/
DENTO-PREP™ 50µm,
2,8kg/cm²/40 psi

Extra-oral use

Micro-roughening, cleaning and activating before cementing of:

- Metal / ceramic crowns.
- Posts.
- Inlays / Onlays.
- Maryland bridges.
- Orthodontic bands and brackets.
- Removal of old cement before re-cementation.
- Check fit of cast metal restorations (high spots become evident).



Intra-oral use

- Micro-roughening of dentin prior to ceramic and composite repair.



WHY DENTO-PREP™

FEATURES & ADVANTAGES



WHY **DENTO-PREP™**

FEATURES & ADVANTAGES

QUALITY

- Solid construction of high grade stainless steel.
- Powder jar made of heat resistant engineering polymer.
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- Smooth and hygienic surfaces. Fully autoclavable by up to 135°C/275°F



WHY **DENTO-PREP™**

FEATURES & ADVANTAGES

ERGONOMIC

- Perfectly balanced.
- Powder jar also acts as a handle → comfortable grip. The unit can be placed on a table in upright position.
- Air-activated feather touch finger-controlled.
- The nozzle rotates 360° and can be placed in any position.



DENTO-PREP™

WHY **DENTO-PREP™**

FEATURES & ADVANTAGES

SIMPLICITY

- Air line connection – we made it easy!
- Precise and well-directed spray.
- No parts or screws can come loose.



HOW **DENTO-PREP™** WORKS

Short video (1 min. 26 sec.)



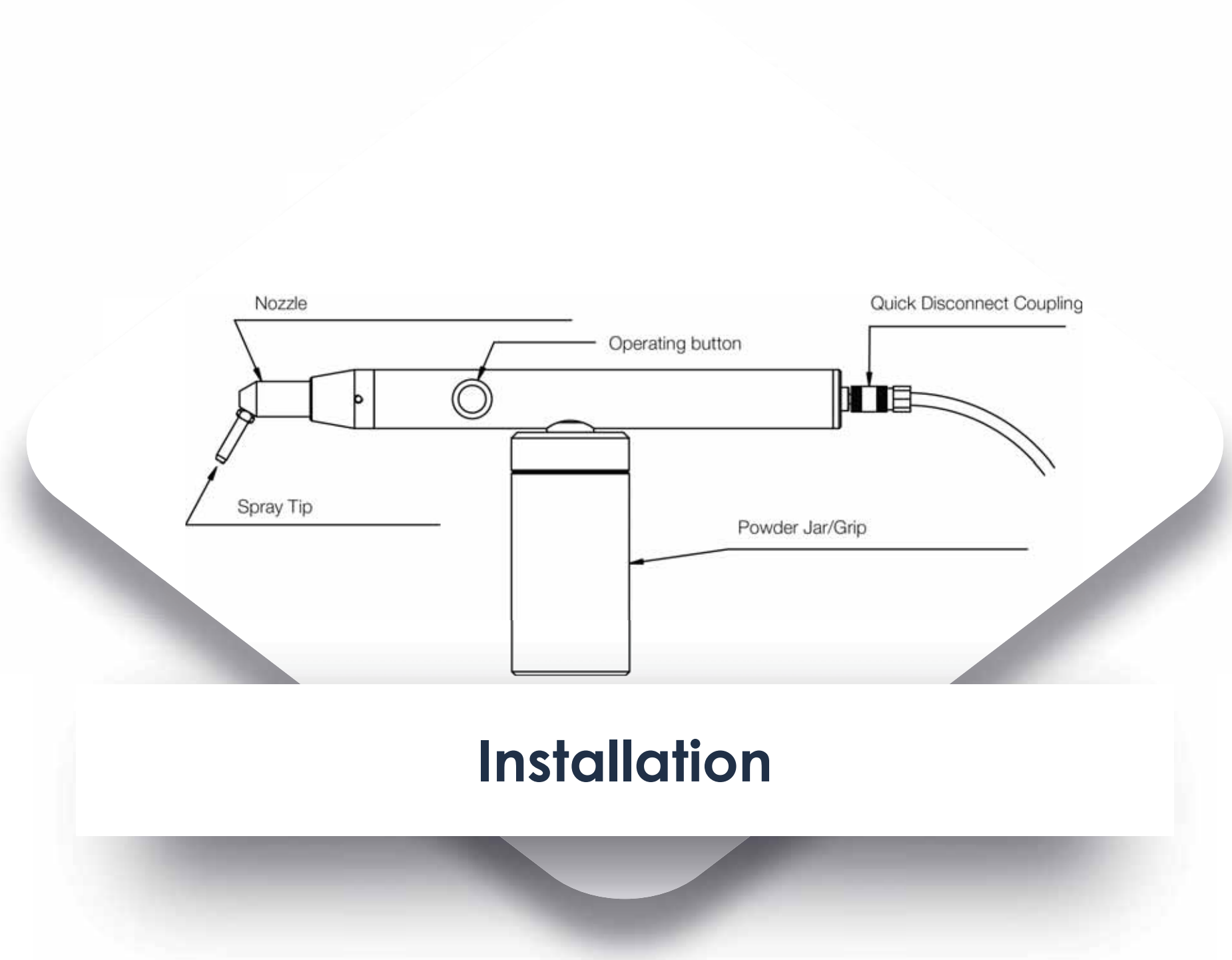
INSTALLATION

DENTO-PREP™ Microblaster can be set up in 3 ways:

- Connected to the turbine quick connector.
- Connected to the turbine hose.
- Connected directly to the air supply line.

The many options give the dentist a freedom to choose workplace when using **DENTO-PREP™** Microblaster.

- Easy to connect / disconnect.
- Easy to carry from one work site to another.



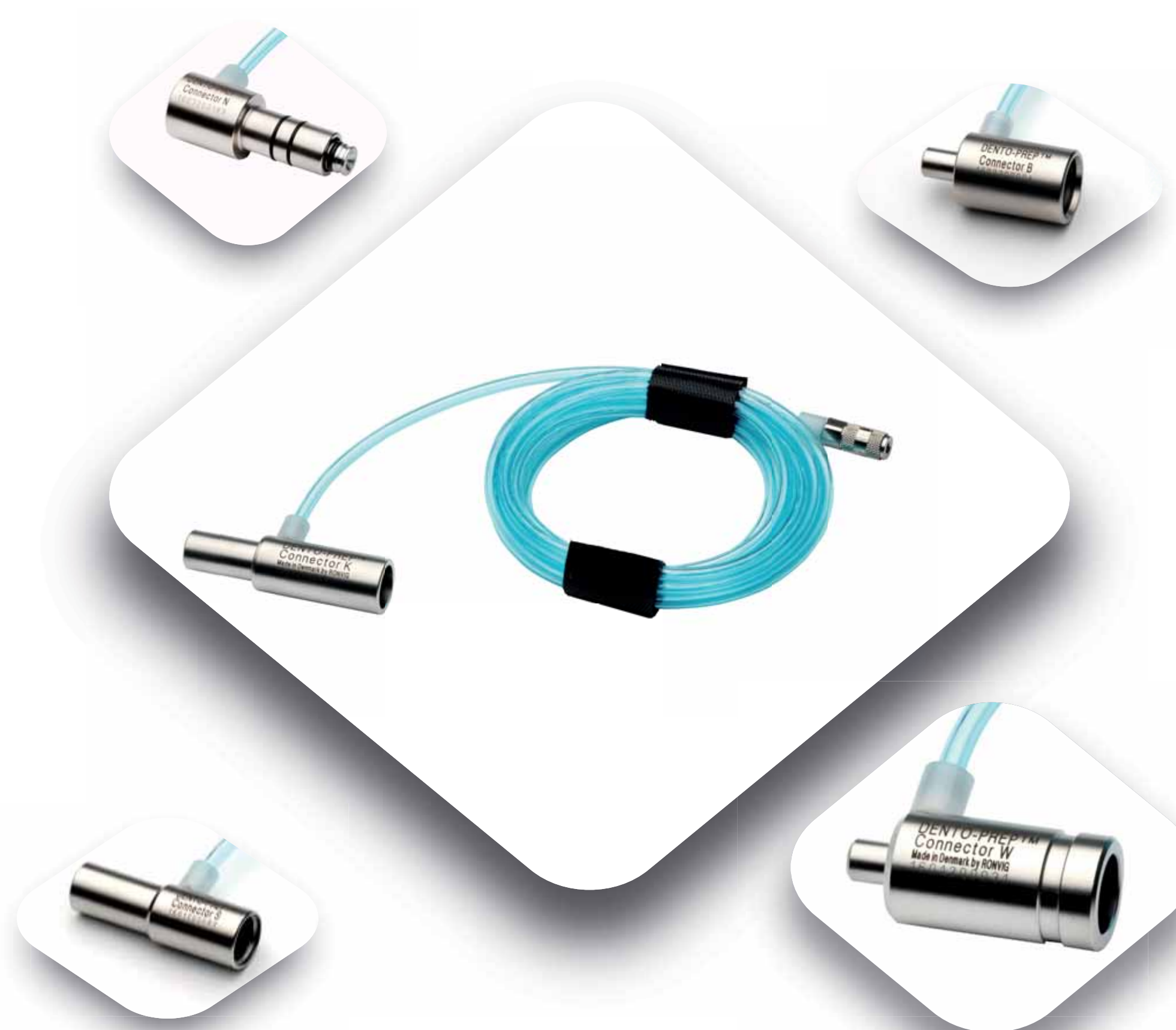
Installation

Turbine Quick Connectors

For easy chair-side use of the **DENTO-PREP™** Microblaster the following **Connectors** are available:

Connector/K	(KaVo)
Connector/W	(W&H)
Connector/S	(Sirona/ Siemens)
Connector/B	(BienAir)
Connector/N	(NSK)

Just push the Connector onto the turbine quick connector and the unit is ready for use.



Turbine Hose Connection

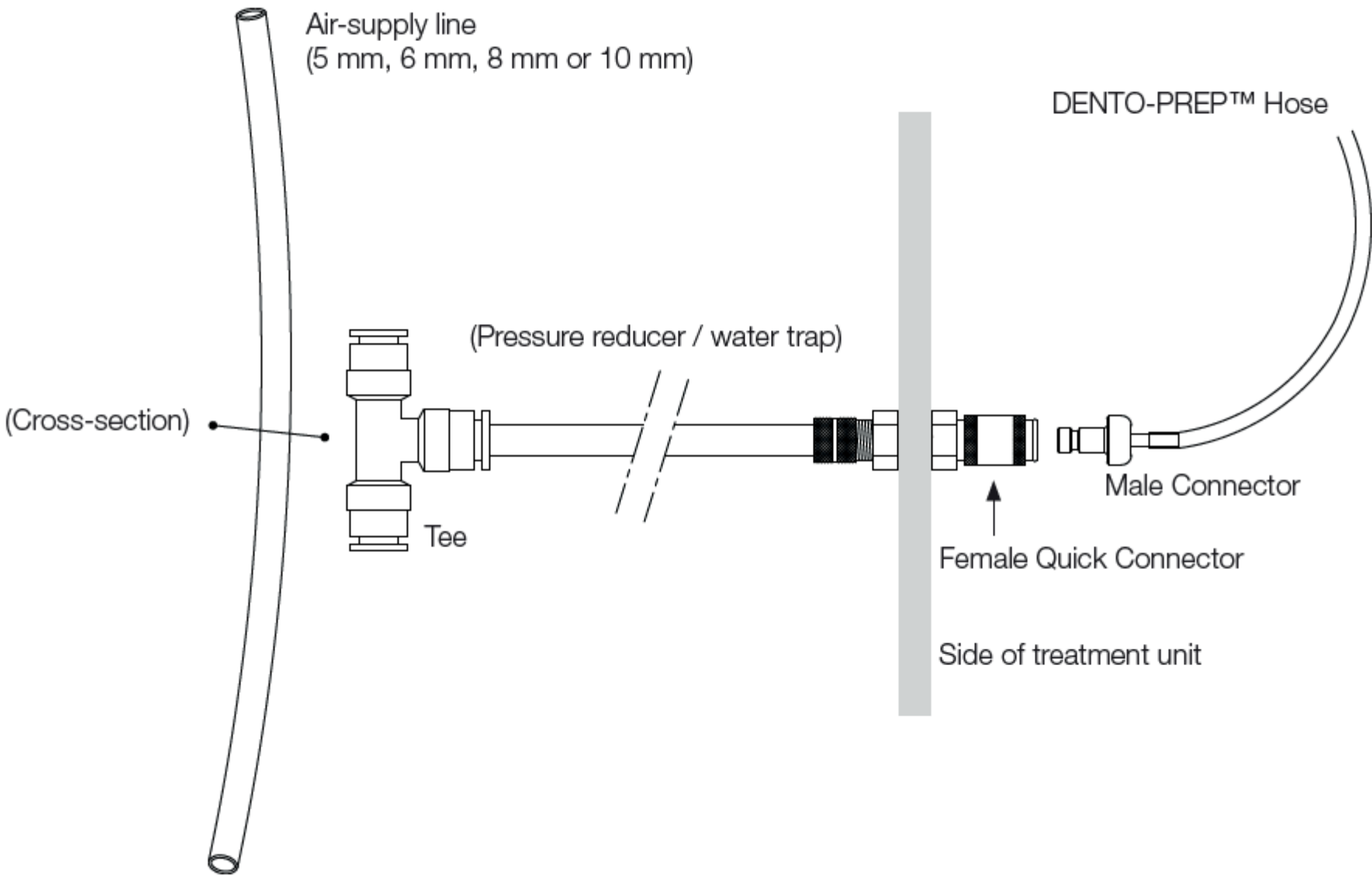
- The **Midwest Connector** is made for the standard 4-hole air turbine hoses.
- The **Midwest Connector** is universal and can be used with the majority of standard units.
- Remove the turbine handpiece, screw off the handpiece quick connector and screw in the **Midwest Connector** instead.



Midwest Connector

Connected to the air supply line

- **Installation Kit** - gives a permanent installation:
- A user-friendly and practical installation for frequent users of the **DENTO-PREP™** Microblaster.
- The **Installation Kit** is available for 5, 6, 8 and 10 mm air hoses.



Installation kit

First time using **DENTO-PREP™**

It is recommended to experiment with the **DENTO-PREP™** Microblaster on various materials before using it.

When trying **DENTO-PREP™** Microblaster, you will realize:

- How precise and well-directed the spray hits the target
- How short time is needed to reach the desired roughness.

When using **DENTO-PREP™**

- Wear eye protection and dust mask.
- Avoid breathing airborne abrasives.
- Never point instrument directly at face or eyes.
- When used intra-orally, use rubber dam and high speed suction.
- Use clean and dry aluminium oxide powder. (particle size 20-80 µm)





TIPS FOR SELLING **DENTO-PREP™**

WHY **DENTO-PREP™**

Advantages compared to other micro-roughening devices

- Perfectly balanced.
- The powder jar acts as a handle.
- Solid and well-balanced construction.
- Comfortable and controllable grip.
- Can be placed in an upright position.
- Totally autoclavable.
- Construction and materials from a very high quality.
- Has a precise and well-directed spray.
- Minimal excess of unwanted powder dispersion.
- Less clogging occurs.
- Easy to connect and disconnect.
- Very convenient and portable instrument.

PRODUCT DEMONSTRATION

- Demonstrate the unique balance of **DENTO-PREP™**. Let the dentist hold it in his hand.
- Show the easy and flexible installation options and explain how they work.
- Demonstrate the ease by taking the Quick Connector that fits the dentist's dental unit. Push it onto the turbine coupling and connect the rapid action coupling to the **DENTO-PREP™**.
- With air pressure demonstrate the air-activated "feather touch" finger control and the advantageous moving nozzle.



SELLING

TESTIMONIALS

“I’ve been using the **DENTO-PREP** for about seven years and find it to be an effective and minimally invasive way to strengthen all types of bonds. I believe it should be a pillar of any practice that has a cosmetic focus. It easily connects with all the major brands of fittings.”

Dr Ben Wilcox, Australia, Bite Magazine, March 2016

PAROJECT®

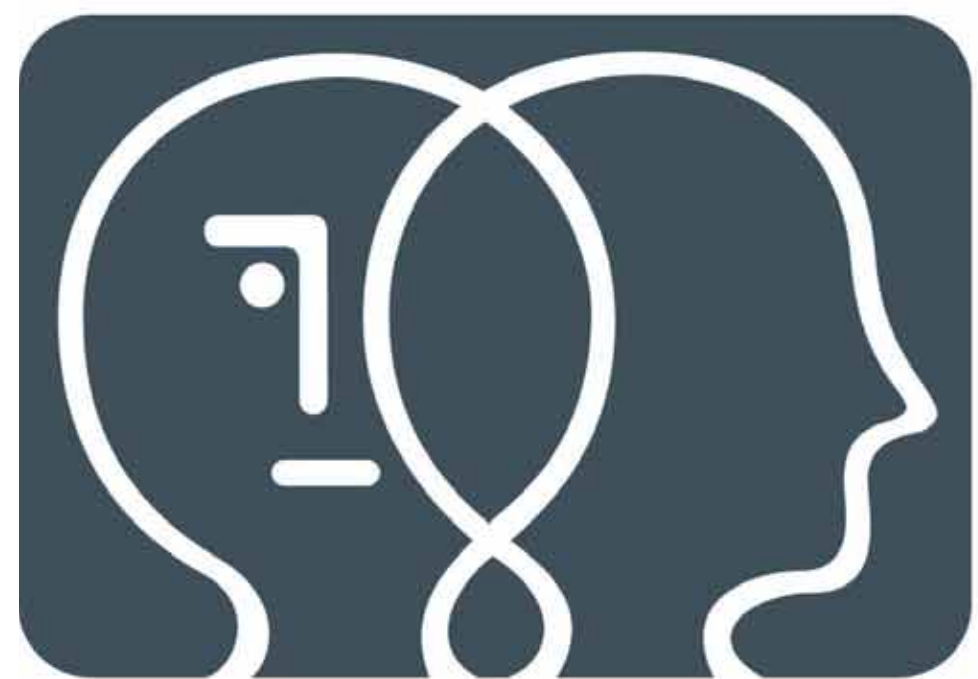
SELLING



TESTIMONIALS

“It has a very precise and well directed spray, minimal excess of unwanted powder dispersion, less clogging, solid construction, total autoclavability, and easy sterilisation with its quick disconnect hose. This quick disconnect also allows you to have a hose in each treatment room already connected to the airline. When it is needed, you merely bring the **DENTO-PREP** in the treatment room and connect it to the hose. This eliminates having to unplug and store the hos every time you finished using the sandblaster. The center position of the reservoir allows you to stand the **DENTO-PREP** upright instead of having to lay it down as you would with Microetcher IIA. The upright position prevents sand from leaking out when you are not using it. Its almost seamless body is also very easy to keep clean and its tip rotates with very little effort”.

REALITY Ratings, 2018



RØNVIG

Dental Mfg. A/S