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Instruments by RØNVIG

MICROBLASTER

DENTO-PREP™

APPLICATION · PARTS · ACCESSORIES



2013
REALITY
Four Star Award
★★★★

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DENTO-PREP™

Microblaster (incl. quick disconnect coupling and hose).
Item no.: 1900

The DENTO-PREP™ is a compact, fully autoclavable micro-blaster for use with abrasives such as aluminium and silicon oxide powder (particle size 20-80 micron). The micro-fine blasting can be used to roughen the surfaces of metal, ceramic and plastic materials for effective reinforcement of adhesion with bonding agents.

Extra-Oral Applications

DENTO-PREP™ is used to prepare, clean and coat (silicatize) the surface prior to cementation of e.g. crowns, bridges, inlays, onlays, orthodontic fastenings.

- Indirect metal restorations, composite or ceramic restorations
- Orthodontic bands and brackets
- To remove cement prior to recementation
- For matte finish blasting to check the fit of cast metal restorations (non-fitting areas become visible)

Intra-Oral Applications

- Micro-roughening prior to adhesive repairs of composite and porcelain

The advantageous central position of the powder container, which also serves as a handle, allows the microblaster to be operated comfortably and also set down on work surfaces. The hose is connected to the microblaster by means of a quick disconnect coupling (included in the package).

DENTO-PREP™ is made from high-grade stainless steel (also the inner parts and tubes) and can be autoclaved up to 135°C. The nozzle is fully rotating (360°) and can be fixed in any position. The air pressure for operation should be approx. 2 to 5 bar (30-105 psi), depending on the application and abrasive.

Clogging

If the thin stainless steel tubing inside the DENTO-PREP™ should become clogged, they can be cleared as follows: Screw off the powder jar, place your finger over the spray tip opening and press the Operating Button. This will cause compressed air to flow back through the unit, clearing away any blockages.

Cleaning

Remove remains of abrasive and back-flush the system as described under "clogging". Clean the surfaces of DENTO-PREP™. DENTO-PREP™ may not be immersed in water or any other liquid due to the risk of clogging.

Sterilization

DENTO-PREP™ (unit as well as powder jar) can be sterilized in autoclave by max 135°C / 275°F. Unscrew the powder jar before sterilization. After steam sterilization, make sure that the whole system of DENTO-PREP™ is completely dry before use.

Guarantee

DENTO-PREP™ is covered by a 1-year material and construction guarantee with the exception of the spray tip. DENTO-PREP is engraved with a 10-digit serial number of which the first 4 digits indicates year and month: YYMM.



DENTO-PREP™ Spray Tip

INNOVATIVE QUALITY PRODUCT





Separate Parts for DENTO-PREP™

Part no.:	
HF20045M1	Spray Tip, hard metal
HF20320A1	Quick Disconnect Coupling + 3 m hose
RV5000	Quick Disconnect Coupling
HF20310U1	Hose, per 1 m
HF20190U1	Powder Jar
HF20185G1	Lid for Powder Jar
HF20220D2	Male connector (inserted into Midwest Connector & Installation Kit)

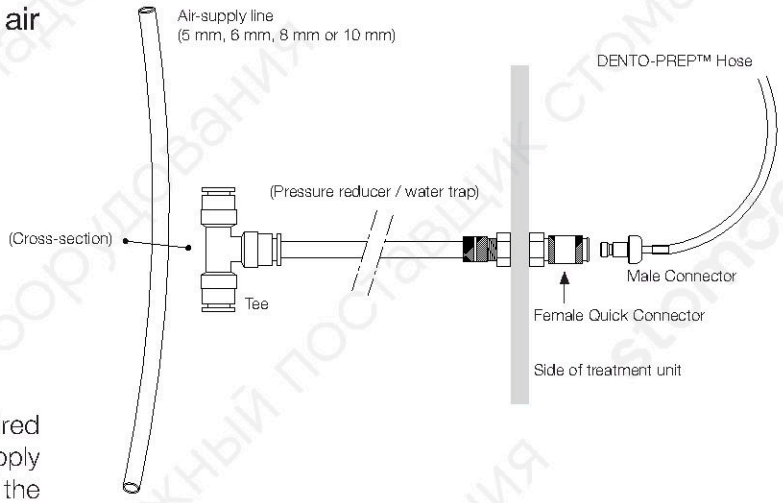
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Connection directly to the compressed air supply

Installation Kit: Hose, tee-fitting, female quick connector and male connector

Item no.:
1925 for hose diameter 5 mm
1926 for hose diameter 6 mm
1928 for hose diameter 8 mm
1929 for hose diameter 10 mm



The installation kit is designed for fixed connection to the air supply line

Locate the air pressure supply close to the desired installation outlet. Turn off the air. Cut off your air-supply hose and insert the ends in the side openings of the tee without using tools. At the opposite end, there is a female quick connector with a small male connector inserted. Attach the male connector to the loose end of the hose supplied with DENTO-PREP™. Attach the quick disconnect coupling to DENTO-PREP™.

Depending on application, the operating pressure should be between 2-5 bar (30-105 psi).

Make sure that the main air supply line is fitted with a filter and water trap. Clean and absolutely dry air is essential in order to avoid clogging of the DENTO-PREP™ system.

Connection to the turbine coupling

Item no.:
1935 Connector S for Sirona
1936 Connector W for W&H
1937 Connector K for KaVo Multiflex
1938 Connector B for BienAir
1939 Connector N for NSK (Model FM-CL-M4)

A number of connectors are available for the DENTO-PREP™ Microblaster, permitting quick and easy access to compressed air via the turbine coupling.

They all consist of a connector, hose (1,5 m) and a quick disconnect coupling.

Remove the turbine handpiece and push the connector onto the turbine coupling. Attach the quick disconnect coupling to DENTO-PREP™.

The hose supplied in DENTO-PREP™ package is not used in this case.













Connection to the turbine hose

Item no.:
1930 MidWest connector

The 4-pin MidWest connector can be screwed into all standard 4-hole air turbine hoses. The MidWest connector is universal and can be used with the majority of standard turbine hoses.

Disconnect the turbine handpiece and unscrew the turbine coupling. Screw the MidWest connector into the turbine hose socket. The opposite site of the MidWest connector has a quick fitting with a male connector already inserted. The male connector can be removed by pulling back the quick fitting. Attach the male connector to the loose end of the hose supplied with DENTO-PREP™. Attach the quick disconnect coupling to DENTO-PREP™.





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DENTO-PREP™ DUST-CABINET

Art. No.:
1902 for mains power 115 V
1903 for mains power 230 V

Dimensions: H 180 mm - W 225 mm – D 315 mm
Weight: 4130 gram.

The Dust-Cabinet is designed for use in connection with cleaning and sandblasting of e.g. indirect restorations prior to cementation. The Dust-Cabinet is equipped with a powerful lamp and a filter protected electronic suction system to secure a clear view to the object being treated and to avoid unwanted powder dispersion in the surroundings. Perfectly finished construction fitting into the clinical environment, easy to clean and keep clean. The cabinet is made from powder coated steel mounted with a large window of tempered glass.

Another version for installation to an external suction system is available on request.



1 Kg Aluminium Oxide 50 µm. Item No. 1906

Separate parts for Dust-Cabinet

HF22580U1	Glass window
HF22585U1	Filter
HF22590U1	Rubber guard partitions (2 pcs.)
RV5032	Bulb

DUST-CABINET is covered by a 1 year material and construction guarantee.



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