

MICROBLASTER

DENTO-PREP™

APPLICATION · PARTS · ACCESSORIES



RØNVIG
Dental Mfg. A/S

QUALITY PRODUCT



The DENTO-PREP™ is a compact, fully autoclavable micro-blaster for use with aluminium 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.

Intended Purpose:

Micro-roughening of dentin, ceramic, composite and metal surfaces prior to cementation or restoration in order to obtain a good bond strength.

Extra-Oral Applications

DENTO-PREP™ is used to prepare and clean 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. The nozzle is fully rotating (360°) and can be fixed in any position. The air pressure for operation should be approx. 3-7kg/cm² (3-7 bar, 43,5 - 101,5 psi) depending on the application. Please note that DENTO-PREP is used without water.

Cleaning and Sterilization

DENTO-PREP withstands sterilization in autoclave by 135°C. Before and after subsequent use it is recommended to backflush the system with compressed air to clear away moist or blockages inside the tubes.

Guarantee

DENTO-PREP™ is covered by a 2-year material and construction guarantee with the exception of the spray tip. DENTO-PREP is engraved with a 9-digit LOT number of which the first 4 digits indicates year and month: YYMM.

DENTO-PREP™ Microblaster

(incl. quick disconnect coupling and 3 meter hose).
Item no.: 1900



QUICK CONNECTION TO THE TURBINE COUPLING

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.



Connector S for Sirona Item no.: 1935



Connector W for RotoQuick Item no.: 1936



Connector K for KaVo Multiflex Item no.: 1937



Connector B for BienAir Unifix Item no.: 1938



Connector N for NSK PTL-CL-LED and FM-CL-M4 Item no.: 1939

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.



MidWest connector Item no.: 1930



Male connector MidWest & Installation kit Item no.: HF20220D2

CONNECTION DIRECTLY TO THE COMPRESSED AIR

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

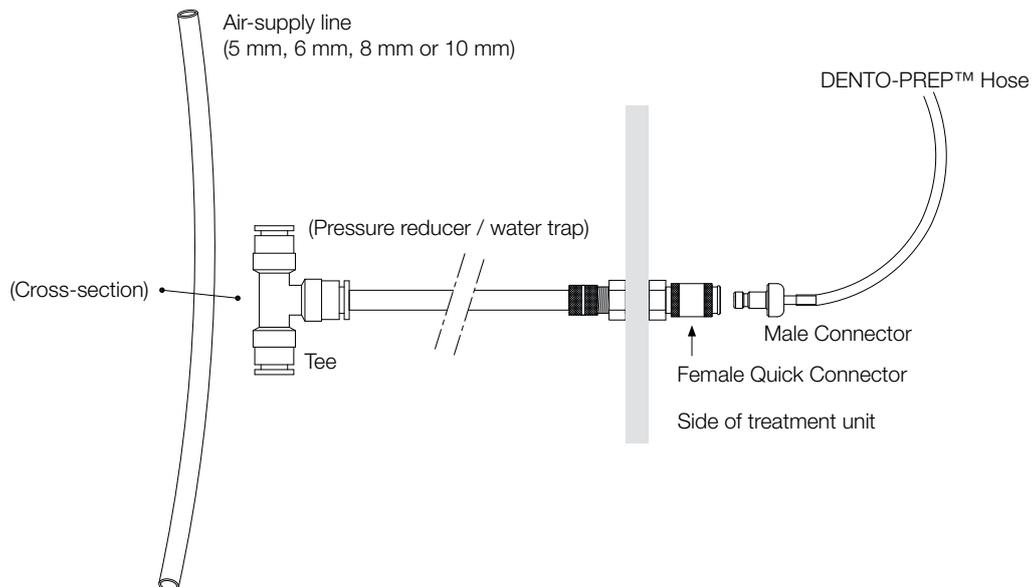
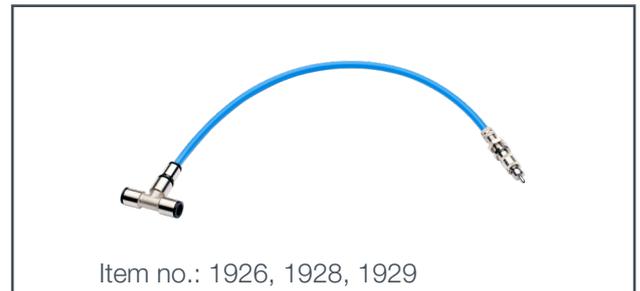
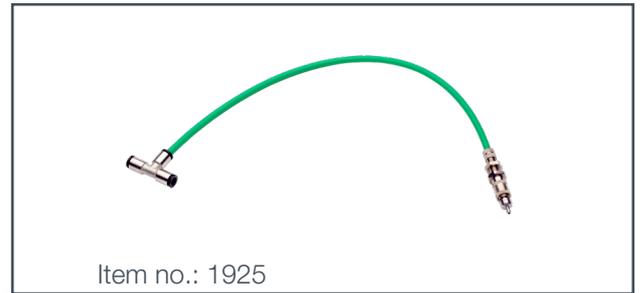
1928 for hose diameter 8 mm

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™.

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. Depending on application, the operating pressure should be between 3-7kg/cm² (3-7 bar, 43,5 - 101,5 psi).



PARTS FOR DENTO-PREP



1. Spray tip
Part no.: HF20045M1



2. Powder jar
Part no.: HF20190U1



3. Stand
Part no.: 1905



4. Lid for powder jar
Part no.: HF20185G1



5. Pipe stub
Part no.: HF20150D2



6. Quick disconnect coupling
Part no.: RV5000



7. Hose (per 1m)
Part no.: HF20310U1



8. Quick disconnect coupling + 3m hose
Part no.: HF20320A1



DENTO-PREP™ DUST-CABINET

900g ALUMINIUM OXIDE 50 m.

Item no.: 1906

Purified Aluminium Oxide powder is a micro-fine powder for cleaning and micro-roughening of ceramic, composite and metal surfaces prior to cementation. Reinforcement of adhesion with bonding agents. This powder is used with DENTO-PREP™ Microblaster.



DENTO-PREP™ SERVICE-KIT

Item no.: 1980

The DENTO-PREP™ Service Kit is a convenient maintenance tool for service departments and end-users. It contains special keys and a cleaning wire to remove blockages inside the fine tubes of DENTO-PREP™ as well as a tool for tightening the activation button. The Service Kit comes with a thorough step-by-step service instruction.



DUCT-CABINET

Item no.: 1905

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 plexiglass window.



Separate parts for Dust-Cabinet

- HF210031 Window for Dust Cabinet
- HF210044 Filter for item no. 1905
- HF22590U1 Rubber guard partitions (2 pcs.)
- HF210034 LED Module for item no. 1905

DUST-CABINET is covered by a 2-year material and construction guarantee.



HF210031



HF210044



HF22590U1



HF210034