

## Airsonic® Mini-Sandblaster

### Mini Sandblaster for Intra- and Extra-Oral Use

The Airsonic Mini-Sandblaster significantly enhances the adherence of cements by enlarging the size of the accordingly treated surface.

#### Installation:

The sandblaster requires compressed air of 4–8 bar. In case a dry air compressor is not available, a condensed water separator has to be installed. For installation, you need a T-fitting and a connecting hose. (The technical service of your dental dealer will assist you, if necessary.)

1. Cut existing compressed air line, install T-fitting
2. Connect the female coupling with external thread (optional REF 901 200) to the T-fitting.
3. Turbine connection Kavo, Sirona-Titan, Rotoquick (W&H), Bien Air Unifix and NSK are available optionally. The adapter is simply affixed to the existing turbine coupling and connected to the Airsonic with quick coupling.
4. Couplings for laboratory connections and EMX Box (old design) are available separately.

#### Operation:

The device is ready for use after connection to the compressed air line according to instruction manual (see above). For sandblasting of the various surfaces, use Airsonic Alu-Oxyd Powder with 50 micron (REF 605 084) or 90 micron (REF 605 086). The powder should be in absolutely dry, fine-grained condition. Fill the transparent container at the hand piece  $\frac{3}{4}$  full. Important: When connecting the turbine coupling, the foot controller has to be operated, too.

The hand piece is held like a ball-pen and the push button is actuated with the finger. The distance between nozzle and object should be approx. 2 – 10 mm. The sandblasting process is activated by light pressing of the valve head. The stronger the pressure on the button, the stronger the abrasive pressure of the sandjet. The hand piece nozzle can be turned by 360° in order to adjust the optimal angle between nozzle and object. In intraoral application we recommend the use of rubber dam.

In case the sandblaster is clogged by moist powder, remove the powder container, cover the nozzle and activate the push button repeatedly in short intervals.

#### Warranty Period:

The manufacturer guarantees that the contractual product is flawless and features all warranted and/or agreed characteristics. The warranty period starts from the date of transfer of perils or with delivery of the product for a twelve months' period. Excluded from warranty are faults and/or damages, which are e.g. due to operational wear, normal wear, improper use, operating errors, careless product handling by the customer, connection to inappropriate power sources, operation with wrong kind of current, force majeure like fire, lightning, damage due to damp, etc. In case of justified defect claims, the manufacturer has the right of repair, replacement or reduction of purchase price. The customer can only claim cancellation of the sales contract after two ineffective repairs by the manufacturer.

### Manufacturer Information on Reprocessing of Medical Devices according to DIN EN ISO 17664:2004

Manufacturer: Hager & Werken GmbH & Co. KG  
Ackerstr. 1, 47269 Duisburg, Germany  
Tel.: +49 (203) 99 269-0  
Fax: +49 (203) 29 92 83  
www.hagerwerken.de

Product: Airsonic Mini-Sandblaster (REF 401 080)

#### Warning notices: no special notices

Limitation of reprocessing: Frequent reprocessing has only got a small impact on this instrument. The instrument shelf-life is mainly determined by wear and damage by use.

Place of Handling: Clean surface with a disposable cloth or paper towel.

Storage and Transport: No special requirements.

Preparations for Cleaning: Screw off powder container. Keep the nozzle shut at the front and actuate the release button so powder residues are blown out of the suction tube. Remove connecting hose.

Cleaning: **Not** suitable for mechanical cleaning. **Do not** immerse in water. Clean the outside with a moist cloth and appropriate cleaning agent.

Disinfection: **Not** suitable for mechanical disinfection. **Do not** immerse in disinfecting bath. Clean the outside with a disinfecting cloth.

Maintenance: No special requirements.

Packaging: Screw off the nozzle, then shrink-wrap nozzle and hand piece in standardised packing material.

Sterilization without powder container: Vapor sterilization at 121° C for 15 minutes.

Control/Functional Check: Sight check on damages, wear, deformation.

Storage: No special requirements.

The a.m. instructions have been validated as SUTTABLE for preparation of a medical device and its re-use by the medical device manufacturer. It is the reprocessor's responsibility that the actual reprocessing achieves the required results with the equipment and materials applied and personnel involved in the reprocessing site. Normally, validation and routine control are necessary. Furthermore, the reprocessor should evaluate any deviation from the provided instructions regarding efficiency and possible adverse consequences.

valid as of 07/2016