

# MANUAL PROCESSING

**MK-dent High- and Low Speed Handpieces** 

#### **Important Information**

•	ATTENTION
	<ul> <li>Drying of the residues deteriorates the cleaning process.</li> <li>→ Rinse the transfer instrument immediately after completing work on the patient, no later than 10 minutes after the treatment. Thereafter, the preparation should start directly.</li> </ul>
	ATTENTION
ATTENTION	The use of manual pre-cleaning requires training of the employees who carry out these preparation instructions. This is the only way to ensure successful cleaning.
ATTENTION	ATTENTION
	Risk of infection from non-sterile instruments → Wear gloves throughout the reprocessing process.
•	ATTENTION
ATTENTION	Do not place the instrument in solutions or similar.
•	WARNING
WARNING	<ul> <li>Danger due to incomplete disinfection</li> <li>→ MK-dent recommends ALPRO<sup>®</sup> WL-clean for disinfection. The disinfectants used must be proven to be bactericidal, be fungicidal and virucidal. If the disinfectants used do not fulfil the prescribed properties, the following must be observed a final disinfection can be carried out unpacked in the sterilizer.</li> </ul>

#### Accessories

- Cleaning solution ALPRO® WL-clean
- Disinfectant solution ALPRO® WL-cid
- Drying spray ALPRO<sup>®</sup> WL-dry
- ALPRO<sup>®</sup> Cleaning adapter, depending on connection
- Dental brush

**1** ) Preparation after end of treatment



### (**2**) Pre-cleaning







Loosen/remove dirt in the collet chuck with the supplied dental brush, using rotating movements. If necessary, stop the water supply.

Loosen/remove external contamination by using the supplied dental brush.



# ATTENTION

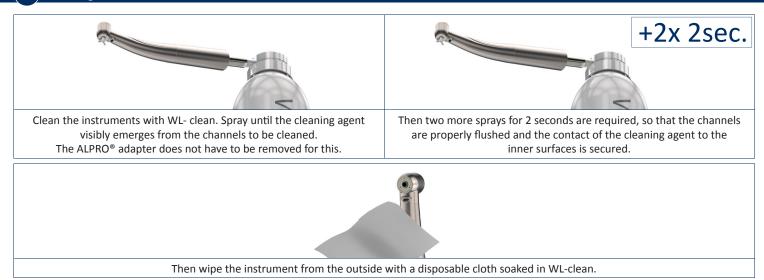
Risk of scratching if handled carelessly, defects on the light of the instrument.  $\rightarrow$  Clean the light very carefully.



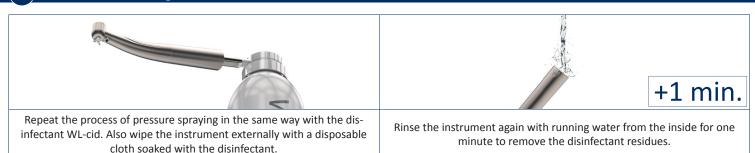
#### ATTENTION

Perform a visual inspection after each cleaning of the light. If the light is damaged, do not operate the turbine and contact your dealer or MK-dent repair service.

### 3) Cleaning



# 4 Disinfection and rinsing





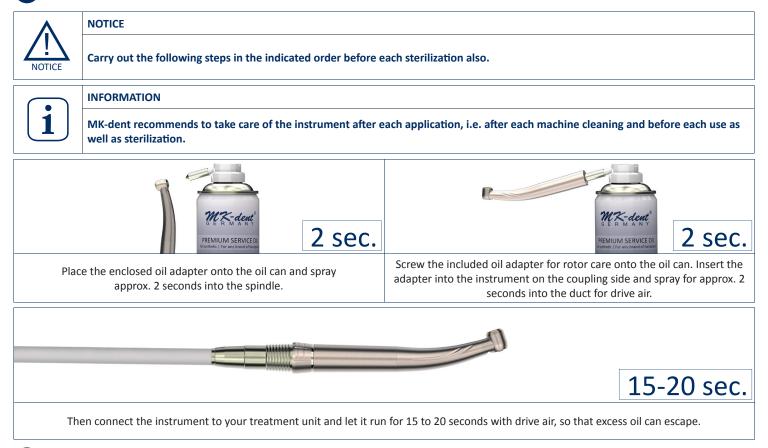
The impact time after the last brew stroke is 3 minutes.

# 5) Drying



Using the ALPRO® WL-dry pressure spray, remove disinfectant residue from the surface and channels of the instrument until it is visibly dry and no liquid escapes from the transmission instrument.

# ig( 6 ig) Care with MK-dent Premium Service Oil LU1011



#### $(\,$ 7 $\,)\,$ Sterilization in a steam sterilizer (autoclave) according to EN13060/ISO 17665-1

$\wedge$	NOTICE
NOTICE	MK-dent recommends additional sterilization in a steam sterilizer for each manual preparation.
	INFORMATION
	The sterilization was validated with the Tuttnauer <sup>®</sup> EHS 3870 device in a fractionated pre-vacuum procedure at 134°C for 5 minutes.
i	The sterilization bag must be large enough for the instrument so that the packaging is not under tension. The sterilization packaging must meet the applicable standards for quality and application and be suitable for the sterilization process.
	The following sterilisation procedure must be used:
	- Autoclave with triple vacuum (recommended): min. 5 minutes at min. 134°C
	Follow the manufacturer's instructions for use.
Seal each instrument individually into a sterilization package.	
	NOTICE
NOTICE	We point out that the reprocessing process carried out by your practice must also be validated.



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