

Mirrors for Dental Photography

Instructions for use

With the purchase of this mirror for dental photography, you receive a high-quality product that was developed in close cooperation with dental institutes and has been established on the world market for over 35 years. The very hard and scratch-resistant mirror coating to the rounded mirror edge guarantees

- high reflection
- good colour neutrality
- no double images

The angled handle allows the mirror to be held without affecting the mirror surface.

Please read these instructions for use carefully and keep them in a suitable place. Strict compliance with our instructions guarantees hazard-free, safe handling of our product as well as the longest possible service life.

Materials:

The mirror is made of glass coated with rhodium, which is glued to the handle. The handle is cast aluminium coated with silicone polyester. The adhesive used is an anaerobic and UV light-curing one-component resin without solvent.

Scope of validity:

This document is valid for the following mirrors for dental photography:

- Types A, B1, B2 & C, for occlusal photographs
- Type D, for lateral photographs
- Type S, mirror set
- Type O, for occlusal photographs without handle
- Type L, for lingual photographs without handle



Mirrors small, medium, large and lateral

Intended use:

The mirrors are intended for photographic documentation during dental examinations. The photographs are used for treatment planning, reassessment during treatment and final and late findings.

Safe handling and provision:

- Use and preparation by trained personnel only
- The mirrors must not be used contrary to their intended purpose, as this may result in damage or breakage
- Clean, disinfect and/or sterilize the product before first use.
- Store products in such a way that they are not damaged
- Do not use battered products and discard defective products

Reprocessing instructions:

- Comply with international and national guidelines, standards and legal regulations as well as your own hygiene regulations for reprocessing
- For persons with infectious diseases, corresponding guidelines must be followed
- A double all-round seal is applied between the mirror and the handle to prevent the ingress of contaminants. Anaerobic adhesives, as acrylates, are not permanently water-resistant; amines and chlorides ensure faster degradation. The dental mirrors must not remain in the cleaning or disinfection solution longer than recommended by the respective product manufacturer, as otherwise the adhesive may dissolve. The manufacturer does not provide any warranty for this

Restriction of reprocessing:

Extreme care must be taken during reprocessing due to the thin mirror coating and the lacquered handles. Frequent, but proper reprocessing has only little effect on the quality and life of the mirrors. Proper reprocessing with mechanical cleaning and disinfection can at most lead to increased wear. The end of the product life is normally determined by wear and tear from use. The mirrors must then be disposed of in the usual manner in dental practices.

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Cleaning / Disinfection:

- After use, the mirrors can be cleaned manually by means of wipe disinfection or placed in a suitable mild cleaning or disinfection solution
- Follow the concentration, exposure time and temperature of the cleaning or disinfection solution according to the manufacturer's instructions precisely (in case of improper exposure time, the handle may loosen from the mirror)
- The cleaning or disinfection solution should be suitable for manual cleaning (e.g. non-foaming)
- Change the cleaning or disinfection solution according to the manufacturer's instructions or in case of visible contamination
- Highly recommended: Thermal disinfection with 'MediCleanForte' or 'Neodisher N Dental'
- Ultrasonic cleaning is **not** recommended
- In general, clean and disinfect the mirrors according to the recommendations of the Robert Koch Institute

Neutralisation / clear rinsing:

Rinse cleaned or disinfected mirrors according to standard practice to remove all cleaning and disinfection residues. Recommended instruction: Rinse with clean, sterile water.

Drying:

The mirrors should be dried using room temperature or by compressed air after neutralisation.

Sterilisation:

The mirrors can be sterilised.

Avoid sterilisation liquids containing aggressive chemicals such as hypochlorite, however.

After frequent sterilisation, wear and tear must be anticipated (e.g. partial detachment of the lacquer coating on the handle). Recommended sterilisation method:

In an autoclave (DIN EN ISO 17665-1)

Recommended temperature: 121 °C (134 °C)

Recommended pressure: 2 bar (3 bar)

Holding time: ≥ 20 min (≥ 5 min)

Functional testing:

Check the functionality of the mirrors before each use. Products with damage to the glass surfaces and the coatings (scratches, chipping, cracks, etc.) may no longer be used.

The mirrors must then be sent for disposal in accordance with the standard practice.

Risks:

The following risks may occur:

- Cutting injuries if the mirror is damaged or in people who have seizures, due to splinters and sharp edges
- Allergic reactions:
 - to aluminium, if handles are damaged
 - to the adhesives, if not properly prepared

Restriction of use:

For persons with seizure susceptibilities, the mirrors should only be used together with jaw locks.

For persons with infectious diseases, the mirrors with handles should not be used. We advise the use of mirrors without handles instead:



Mirrors without handle for occlusal and lingual photographs

Warranty:

The mirrors are made of high-quality materials and undergo quality control before delivery. We do not guarantee the suitability for the respective operation. We also accept no liability for accidental or resulting damage. We accept no liability if it can be proven that these instructions for use have been violated in particular in the case of improper handling of the cleaning / disinfection.

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