

sagemax[®]



Instructions for Use



NexxZr[®] Shine

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Product information

NexxZr Shine is a two-phase diamond polishing system for effective polishing of dental ceramics such as zirconium oxide, aluminum oxide, lithium disilicate or glass ceramics. The dimensionally-stable, diamond-infused rubber polishers impress users due to their simple and efficient usage. They also offer a long service life and a natural-looking shine. NexxZr Shine produces a uniform surface for monolithic, as well as for veneered and partially veneered restorations. Three specially-adapted shapes are available for optimum polishing of different structures and surfaces: Twist17, Turn18 and Tip5. These shapes are available in smooth (phase 1, pre-polishing) and gloss (phase 2, high-gloss polishing) grit sizes.

The product range is supplemented by the diamond polishing paste NexxZr Shine Paste that is suitable for all applications. It removes micro-scratches, leaving a high-gloss, mirror finish.

Indication

Extraoral polishing of dental ceramics such as zirconium oxide, aluminum oxide, lithium disilicate or glass ceramics.

Contraindications

- › Direct use in the patient's mouth (intraoral)
- › All other applications that are not specified as indications

Storage and shelf life

- › Storage in a dry, dust-free location at 2-28°C (36-82°F) is required.
- › Incorrect storage conditions can shorten the shelf life and impair the proper function of the product.
- › The polishing paste NexxZr Shine Paste must be closed immediately after use.



Warnings!

- › Do not use damaged polishers.
- › Use an extraction unit, face mask and protective goggles.
- › Only use handpieces that are in proper technical condition and that have been serviced.
- › Ensure that the handpiece drive runs smoothly.
- › The polisher must be securely locked in the handpiece.
- › To reduce the risk of instrument breakage, avoid tilting/leveraging during rotation.
- › During rotation, do not position the polisher on the same spot for too long as this can lead to localized overheating.
- › Polishers tend to vibrate if the maximum admissible speed is exceeded. This can damage the polisher, cause the shaft to bend and/or break the instrument.
- › Excessive contact pressure can damage the restoration and accelerate wear of the polishing head.
- › When using NexxZr Shine Paste, observe the Safety Data Sheet (SDS) for the paste.

Material composition

Components

Diamond particles, synthetic rubber, excipients and aggregates

Instructions for Use

Pre-polishing (phase 1, smooth)

Ceramic restorations are pre-polished using smooth NexxZr Shine polishers (dark gray).

High-gloss polishing (phase 2, gloss)

High-gloss polishing of ceramic restorations is carried out using gloss NexxZr Shine polishers (light gray) or using the diamond polishing paste NexxZr Shine Paste and a goat hair brush.

Processing instructions:

- › Optimum speed range: 7,000 - 12,000 rpm
- › Maximum speed: 20,000 rpm
- › Maximum contact pressure: 2 N (200 g)
- › Only place rotating polishers onto the surface to be processed.
- › Polish with gentle movements to avoid grooves.
- › Ensure sufficient dust extraction during use.

Cleaning

Once the restoration has been fully polished, clean it thoroughly using a steam cleaner or ultrasonic bath.



Manufacturer

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