



# LM ErgoSense SHARP DIAMOND

LM

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difference

## MAINTENANCE RECOMMENDATIONS FOR LM SHARP DIAMOND SHARPEN FREE INSTRUMENTS

The Sharp Diamond instrument is especially suited for professionals who use a lot of hand instruments and who wish to minimize the amount of time spent maintaining instruments.

Sharp Diamond instruments can be used in the same way as conventional instruments. The instrument is suitable for all kinds of scaling. With this sharp instrument, calculus is removed in a controlled but effective way. Sharp Diamond instruments can be cleaned and sterilized as any other LM instrument, however by following LM's recommendation for instrument maintenance you can ensure both long life time and high level performance of your Sharp Diamond instruments.

### INSTRUMENT CARE

Use LM-Servo or LM-ServoMax cassettes

- to keep Sharp Diamond tips separate and avoid contact with other metals
- to protect the instruments and avoid sharp injuries
- to avoid dulling the instrument tips

Do not sharpen Sharp Diamond instruments. Sharpening removes the coating and weakens the tip, and thus, the functionality of the instrument is decreased.

Take good care of your premium quality instruments and use them only as intended; any harm and damage caused to Sharp Diamond instrument's tip can't be fixed, unlike regular steel instrument tips can be re-sharpened and some damages fixed by removing material.

Like every other equipment having high strength feature, steel tip of a hand instrument is also sensitive for hard external shocks. Please notice that every hard hit or in worst case dropping the instrument to floor will cause damage to steel structure and due to this, is significantly shortening the life-time of the product and increasing the risk of tip breakage. Therefore we recommend to dispose and not to use such damaged instruments.

### CLEANING

Use disinfection agents suitable for hand instruments (e.g. Dürr ID212) and follow manufacturer's instructions for correct dosage and exposure time. Soak different materials separately and avoid disinfection of different metals in the same disinfection bath.

Follow carefully the instructions given by the manufacturer for the washing machine and the selected program.

Use ph-neutral cleaners with corrosion protection.

Remove the instruments from the washing machine or thermal disinfectant immediately after cleaning. Longer contact with moisture may lead to reduce of the product life time.

Dry the instruments carefully and wipe out possible marks caused by humidity or impurities in tap water.

### STERILIZATION

Make sure the instruments are dry before sterilization.

Use autoclave sterilization in 134°C (2 bars) and follow autoclave manufacturer's instructions.

### STORING

Always dry instruments thoroughly before storing.

Use LM-Servo cassettes for storing.



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