



# LM ErgoSense® SHARP DIAMOND

LM

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difference

## MAINTENANCE RECOMMENDATIONS FOR LM SHARP DIAMOND™ SHARPEN FREE INSTRUMENTS

The LM 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.

LM 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. LM Sharp Diamond™ instruments can be cleaned and sterilized as any other LM instrument. However, by following LM's maintenance recommendations, you can ensure your LM Sharp Diamond™ instruments to have both long life and high level performance.

### INSTRUMENT CARE

Use LM-Servo™ or LM-ServoMax™ cassettes in order:

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

Do not sharpen LM 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 LM Sharp Diamond™ instrument's tip cannot 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 sensitive for hard shocks. So each time the instrument is dropped on a hard surface it suffers a hard hit, this could damage the steel structure, will significantly shorten the life of the product and increase the risk of tip breakage. Therefore, we recommend such damaged instruments be no longer used and disposed of.

### CLEANING

Use disinfection agents suitable for hand instruments (e.g. Dürr ID212) and follow manufacturer's instructions for correct dosage and exposure time. Do not use disinfectants containing amines, phenol or chlorine. It is recommended, when possible, to soak different materials separately and avoid disinfection of different metals in the same disinfection bath.

Use LM-Servo™ cassettes in ultrasonic cleaner to avoid contact with different metals and thus dulling the instruments.

Carefully follow the instructions given by the manufacturer for the washer disinfector and the appropriate program. Use ph-neutral cleaners with corrosion protection. Remove the instruments from the washer disinfector immediately after cleaning. Longer contact with moisture may reduce product life.

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.

For hot air sterilization the maximum temperature is 180°C.

### STORING

Always dry instruments thoroughly before storing.

Use LM-Servo™ cassettes for storing.

