



ERGONOMIC INSTRUMENTATION

Choosing the most ergonomic hand instrument can make a big difference in terms of discomforts and disorders when performing dental work. It is by no means insignificant what the diameter of the hand instrument's handle is or what the material of the grip surface is.

When holding the instruments for approximately 2,000 hours each year, the design, weight and feel of the instrument are crucial for the dental practitioner in terms of his/her performance and productivity.



Pioneering instrument ergonomics

LM's radical product theses of the 1980s – a thicker handle, optimized shape, elastic surface, lightness and color coding – have become industry wide standards in the 21st century.

The natural, non-slip grip of the instruments has been recognized to be comfortable and efficient all around the world and result into a significant reduction, or elimination, of hand-fatigue, finger and hand pain as well as prevention of CTS (Carpal Tunnel Syndrome).

Our Intensive research and continual product development are guided by cooperation with dental professionals. LM-Dental™ responds to your needs, delivering innovations to make your practice more efficient and more effective.

Thicker handle
Improved grip and control

Optimized design
Better responsiveness

Great tactile sensitivity
More efficient treatment

Intelligent RFID Technology
Improved safety and cost reduction

Rated best in clinical testing

TIP KEY FEATURES & CLINICAL BENEFITS

Special alloyed core

- Lightweight
- Metal-to-metal connections for sensitivity

Pleasant silicone surface and contour

- Comfortable and non slip
- More hygienic than a knurled surface

Optimal rigidity
Excellent sensitivity

Precision formed tips
Smooth, razor sharp cutting edges

Advanced research into metallurgy and super hard micro coatings have resulted in industry-leading instruments for either preference.

Uncoated LM-DuraGradeMAX® Supersteel

- Can be sharpened
- High wear-resistance
- Corrosion free

Coated Sharpen Free

- Micro-membrane for ultra hardness
- Long-lasting razor edge
- Maximum wear resistance
- No sharpening ever

Soft and hygienic grip

An ergonomically designed instrument in combination with a comfortable grip and high tactile sensitivity gives the best clinical result. The pleasant silicone on the hand piece or instrument causes less strain on dental clinician's wrist and fingers. The soft material also dampens the ultrasonic vibrations and keeps hands warm.

Furthermore the smooth and even surface of the silicone has been tested to be more hygienic than knurled and uneven instrument surfaces.