

DECLARATION OF THE PROPERTIES AND THE PRODUCTION PROCESS OF LM-DENTAL HAND INSTRUMENTS

Manufacturer: LM-Instruments Oy
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Finland

1. Mechanical properties

Instrument handle

- Max/min diameter 8.5/8.1 mm (ErgoNorm), 11.5/8.5 mm (ErgoMax) and 13.7/8.2 mm (ErgoSense)
- Ø 6 mm metal core
- Silicone casting
- Weight 13-18 g

2. Composition of materials

Blade

- Raw material martensitic stainless steel (no nickel), main alloy components:
 - Cr 17 %
 - C 0,5 %

Core

- Aluminium alloy
- Special FDA approved silicone

3. Production process

Lathing, pregrinding, bending, hardening, tempering, polishing, final sharpening

Lathing of cores, silicone moulding

Assembling, printing, packaging

Quality control for constant high quality level and minimal variation of the blades is based on 100% check during the final sharpening. Final products are checked before packaging.

4. Standardisation

All the dental hand instruments we are producing comply with the relevant regulations of the guideline 93/42/EEC for medical products. Our products are classified in class I. LM-Instruments Oy is a certified ISO 9001:2015 / ISO 13485:2016 company.

Parainen the 4th of April 2019



Kari Lehtonen
Development Manager