

LM Servo™ E series



LM

feel the
difference

Improved safety and
streamlined maintenance



IMPROVED SAFETY The LM-Servo™ E cassette has a patented design to improve safety, with shields to prevent sharp injuries. The more enclosed structure with safety shields also protects instrument tips during maintenance. The LM-Servo™ E is the first dental instrument cassette to meet the IP30 protection grade and provide true protection from sharp injuries.



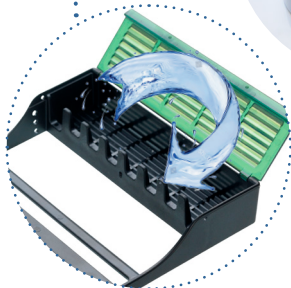
COLOR-CODING Colored safety shields and places for silicone LM™ code buttons (LM 6000-6005)—both on the sides and on the cover of the cassette—provide multiple ways of color-coding, for example coding of user- or procedure-specific sets.



USABILITY Instrument handles are clearly visible for easy identification of cassette contents during handling.

CLEANING

The patented design of the LM-Servo™ E safety shield slats guides the washing fluid through the cassette, ensuring proper cleaning of instrument tips. The structure also supports free rotation of instruments, delivering complete cleaning and rinsing.



TRACEABILITY The RFID tagging option enables complete and reliable traceability of cassettes with the LM Dental Tracking System™. Read more at www.dentaltracking.com



COMPATIBILITY The dimensions of LM-Servo™ E cassettes meet the DIN13999 standard for dental trays, providing compatibility with trays and devices at the dental clinic. The cassettes are lightweight, easy to handle, and can be attached to the LM-ServoMax™ tray (LM 6410) with a special lock (LM 6417).



IMPROVE MATERIAL FLOW AND TRACEABILITY BY RELIABLE TRACKING

with the **LM** Dental Tracking System™

The LM DTS™ is the first commercially available system in the dental industry to use RFID technology for efficient tracking and monitoring of dental instruments and materials.

Individual hand instruments and materials with RFID tags are reliably tracked at every step with LM DTS™ readers. These readers notify users of errors, such as the use of unsterilized instruments, thus enhancing patient safety. The LM DTS™ software provides easy-to-use analytics, which can be used to improve asset management and increase cost-efficiency and patient safety.

EVOLUTION SERIES OF INSTRUMENT CASSETTES

The new LM-Servo™ E cassette series is available with built-in RFID tagging. This option makes E cassettes an excellent tool for improving traceability, by facilitating easy handling and tracking of instruments as sets.

Instrument handles are clearly visible in LM-Servo™ E cassettes, ensuring readability of RFID tags and identification of individual instruments, but their tips remain securely covered with safety shields.



New intelligence in the dental clinic—
know the location of all instruments and
materials

Scan the QR code to see more
information at www.dentaltracking.com



EVOLUTION SERIES WITH IMPROVED SAFETY

LMServo™ E cassettes



Instrument cassettes provide an efficient and safe way to process, sterilize, and organize instruments in the dental clinic, by minimizing manual handling of individual instruments and rationalizing the maintenance process.

LM-Servo™ E evolution series cassettes deliver a great combination of safety and hygiene for professional use and have been designed to take into account clinicians, maintenance personnel, and instruments.

LM-Servo™ E cassettes are made from high-quality, autoclavable plastics, which makes them lightweight and easy to handle. The functional, patented design of the safety shields and easy-to-use mechanism provide a safe and reliable grip, ensuring cassettes can be used, held, and transferred in all dental practice tasks and roles. The safety shields prevent sharps injuries and protect instrument tips, prolonging their lifespan.

To enhance patient safety and efficiency at the dental clinic, E series cassettes can be tagged with radio frequency ID (RFID) chips, enabling full traceability in conjunction with the LM Dental Tracking System™. Read more at www.dentaltracking.com.

EFFICACY OF CLEANING

VTT researchers tested whether the closed cassette design affects the washing result of hand instruments inside the cassette (1). After cleaning in a disinfectant, hand instruments showed no visible signs of contamination.

The durability and efficacy of cleaning of the LM-Servo™ E cassette have been tested in internal studies (2). These studies showed that the high-quality materials of the cassettes are compatible with modern sterilization methods and temperatures.

(1) Effectiveness of sterilization of dental hand instruments. VTT Technical Research Centre of Finland Ltd.

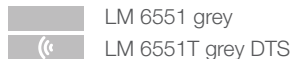


(2) Durability and efficacy of cleaning of the new LM-Servo™ E cassette in washer-disinfectors and autoclave sterilization. LM-Instruments Oy.

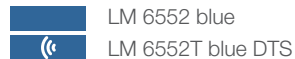


LMServo™ 5E

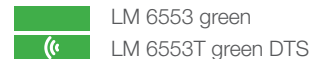
For five hand instruments | Four color options for safety shields and option to color-code with silicone LM™ code buttons | LM DTS™-compatible
RFID-tagged versions available | External dimensions: 180 × 83 × 26 mm | Internal dimensions: 174.8 × 78.6 × 21.4 mm | Weight: 75 g



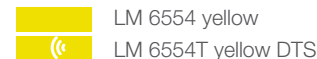
LM 6551 grey
LM 6551T grey DTS



LM 6552 blue
LM 6552T blue DTS



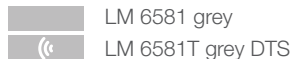
LM 6553 green
LM 6553T green DTS



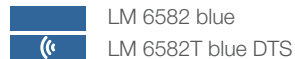
LM 6554 yellow
LM 6554T yellow DTS

LMServo™ 8E

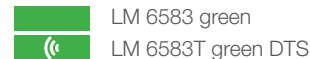
For eight hand instruments | Four color options for safety shields and option to color-code with silicone LM™ code buttons | LM DTS™-compatible
RFID-tagged versions available | External dimensions: 180 × 133 × 26 mm | Internal dimensions: 174.8 × 128.9 × 21.4 mm | Weight: 108 g



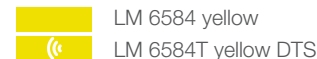
LM 6581 grey
LM 6581T grey DTS



LM 6582 blue
LM 6582T blue DTS



LM 6583 green
LM 6583T green DTS



LM 6584 yellow
LM 6584T yellow DTS

LM™ code buttons
20 pcs/pack

LM 6000 blue
LM 6001 green

LM 6002 orange
LM 6003 red

LM 6004 yellow
LM 6005 brown

LM Dental™

 LM-Instruments Oy

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