LM feel the difference

LM Dental Tracking System™ RFID Cabinet

Scanning RFID Cabinet for reliable tracking of dental materials

The unique LM Dental Tracking System™ (LM DTS™) is created by combining scanning readers, proprietary server software and dental instruments and materials with built-in or retrotagged RFID chips. LM DTS™ RFID Cabinet is used for storing and scanning dental materials for reliable tracking.

LM DTS™ RFID Cabinet uses UHF (Ultra High Frequency) RFID technology to efficiently monitor and control material flows. Placing stickers with built-in RFID chips on implant, filling material or other packages enables LM DTS™ to keep track of the inventory levels inside the Cabinet, document usage by department or staff member, and store serial or LOT numbers for reliable traceability. LM DTS™ RFID Cabinet keeps you informed of the expire dates of all articles inside of the Cabinet thus enabling one to take them into use prior to the expiration avoiding expensive materials going to waste.

RFID TECHNOLOGY
LM Dental Tracking System™
INTELLIGENCE INSIDE

> *"With the new traceability system, we have needed data to improve our daily operations, support education, improve long term planning and budgeting."*

Bo Danielssen, Head of the School of Oral Health Care, University of Copenhagen

Visit www.dentaltracking.com for more information and videos

Cabinet with intelligence inside

LM DTS™ RFID Cabinets have integrated RFID readers, antennas and electric locks which all are controlled in the control module. 10" touch screen User Interface is located on the front side of the control unit. All cabinets and modules are controlled similarly and the software is the same in all models. Integration to LM DTS™ cloud server is made via Ethernet cable or WLAN connection.

Interested to know more?
Contact: dts.sales@lm-dental.com
www.dentaltracking.com

LMDental™
LM-Instruments Oy | Norrbyn rantatie 8, FI-21600 Parainen, Finland
Tel. +358 2 4546 400 | info@lm-dental.com | www.lm-dental.com

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LM DTS™ RFID Cabinet Modules

RFID storage growing with your need

LM DTS™ RFID Cabinet is a serie of 4 models meeting the different storage space needs in dental clinic. Each model consists of one fixed control module and optional 1-3 add-on storage modules. The storage modules have integrated RFID readers, antennas and electric locks controlled by touch screen User Interface or ID card reader.

Models	Frequency / Product no.			External Dimensions (L x W x H)		Weight (+/- 10 kg / 22 lbs)	
	FCC	ETSI	ETSI UK	Metric	Imperial	Metric	Imperial
LM™ DTS Cabinet 1	70611	70621	70631	45,5 x 75 x 155 cm	17,9 x 29,5 x 61 in	170 kg	375 lbs
LM™ DTS Cabinet 2	70612	70622	70632	91 x 75 x 155 cm	35,8 x 29,5 x 61 in	300 kg	661 lbs
LM™ DTS Cabinet 3	70613	70623	70633	136,5 x 75 x 155 cm	53,7 x 29,5 x 61 in	470 kg	1036 lbs
LM™ DTS Cabinet 4	70614	70624	70634	182 x 75 x 155 cm	71,7 x 29,5 x 61 in	600 kg	1323 lbs

Fixed RFID control module + Add-on RFID storage module + Add-on RFID storage module + Add-on RFID storage module

LM DTS™ Cabinet 1 → **LM** DTS™ Cabinet 2 → **LM** DTS™ Cabinet 3 → **LM** DTS™ Cabinet 4

Secure personal login with ID card

Easy-to-use touch screen UI

Baskets for organised material handling

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LM DTS™ RFID Cabinet Technical Data

LM Dental Tracking System™ RFID Cabinet			
Manufacturer	LM-Instruments Oy, Norrbyn rantatie 8, FI-21600 Parainen, Finland		
Classification	UL 62368-1, First Edition 20125		
Ambient Temperature	Transport and storage 0 °C to 35 °C / 32 °F to 95 °F		Operation 10 °C to 35 °C / 50 °F to 95 °F
Relative Humidity	Transport and storage 10 % to 95 %		Operation 20 % to 85 %
RFID Specifications			
Frequency Band	FCC 902 - 927 MHz		ETSI and ETSI UK 865.6 - 867.6 MHz
Transponders Supported	ISO18000-6C, EPC Gen 2		
RF Output Power	Adjustable up to 500mW Typical 100 mW		
Antenna interface	Internal antennas		
Radio Regulation	USA FCC 47 CFR Part 15	Canada IC RSS-Gen, RSS-210	EU RED Directive (+EMC Directive)
Power			
Voltage	AC 110 - 127 V, / 230 VAC, 50 Hz		
Primary Fuse	1 A, 250 V, Ø5x20 mm 4A, 250 V, Ø5x20 mm		
Power Consumption	55 W		
Host Computer			
Base Unit	Fujitsu ESPRIMO Q957 or Fujitsu Esprimo Q958		
Operating System	Windows 10 Pro		
Software	LM DTS™ Cabinet Client Login to SW using touch screen (PIN) or RFID (UHF) card		
TCP/IP	Ethernet / LAN		
Display	Elo M-Series 1093L, 10.1”, 1280 x 800		

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