



MD System LOKE

Microdialysis - Reinvented

MD System (LOKE) provides Microdialysis data in real-time, continuously. The device uses biosensors with coated electrodes which generate an electrical signal enabling measurement of the different analytes in the microdialysate. Microdialysis values of Glucose, Lactate, Pyruvate and the ratio of Lactate and Pyruvate are displayed both numerically and graphically as trend curves for fast and easy interpretation.

For routine Microdialysis monitoring in Critical care patients

The unique continuous MD System is especially developed for routine microdialysis monitoring in Critical Care patients at the Intensive care unit. Together with MDialysis's wide range of Microdialysis Catheters* the system offers opportunities of guidance to optimize patient treatment by detecting pathological changes in tissues or blood before clinical signs become evident. *The MD System should only be used with Microdialysis catheters with 20 k Dalton membrane pore size.

Easy to operate

The system provides effortless maintenance and ease of use, it is completely automated and can run up to five days. The unique design of the MD system allows you to place the device close to the patient with a pole or ICU rail attachment.

The MD System with continuous real-time Microdialysis Monitoring is the fourth generation of Clinical Microdialysis Analyzer designed to support maximum patient benefit and decrease health care costs.

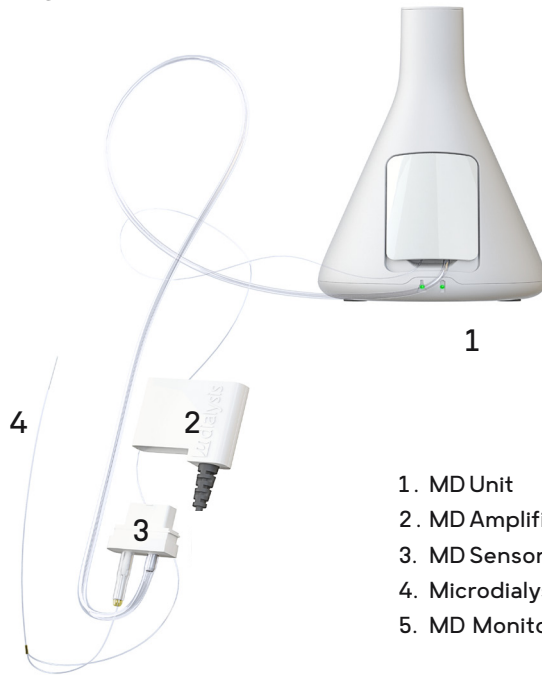
Note! The MD System should only be used with Microdialysis catheters with 20 k Dalton membrane pore size.

- Automated Plug & Play System
- Easy to use and robust for up to 5 days monitoring
- Continuous real-time Microdialysis

Continuous real time data of:

- Glucose
- Lactate
- Pyruvate
- Lactate Pyruvate Ratio

MD System Overview



1. MD Unit
2. MD Amplifier
3. MD Sensor
4. Microdialysis Catheter
5. MD Monitor

Technical information

Voltage	100-240 VAC 50/60 Hz	Weight:	5 kg
Power consumption:	max. 40 VA	Measurement principle:	Electrochemical biosensor
Compliance:	Power adapter complies with 60601-1	Samples:	Continuous on-line measurement of Microdialysate
Insulation:	MD Unit power adaptor is double isolated	Monitor Cable:	Standard ethernet shielded (Cat 5e or later)
Dimensions:	220 (W) x 220 (D) x 332(H) mm	Calibration:	Automatic (every 6 hrs)


Ordering information

	Ref.No.
MD System Complete Incl. 8070014 MD Unit, 8070088 MD Unit Holder, 8070151 MD Cartridge, 8070198 MD Amplifier, 8070223 MD Monitor, 8072038 MD Monitor Holder, Test Sensor, Technical & Users Manual	8070228
Options for attachment of MD Monitor (standard is 8072038 MD Monitor Holder); 8072019 MD Monitor arm Stand runner, 8072020 MD Monitor arm Pole, 8072029 MD Monitor Deskstand	
Accessories:	Ref.No
MD Sensor & Calibrators kit Incl. MD Sensor & MD Calibrator	8050204
MD System Syringe kit, Brain Tissue Incl. 106 Syringe + Syringe Orange, Perfusion Fluid CNS + Catheter Extension	8050206
MD System Syringe kit, Perip Tissue Incl. 106 Syringe + Syringe Orange, Perfusion Fluid T1 + Catheter Extension	8050207
Syringe Orange 20/pkg	8070081
MD Calibrator 2/pkg	8072009
Catheter Extension 2/pkg	8072008

CE⁰⁴¹³ CE marked according to the Medical Device Directive (MDD 93/42/EEC), EU Directive (2014/30/EU) (EMC), EU Directive 2012/19/EC (WEEE II) and EU Directive 2011/65/EC (RoHS II)

 Defibrillation-proof type CF applied part

IPX1 Protection class, protected against dripping water

 ETL-listed product. Conforms to UL 60601-1:2003 Rev. 2006. ETL-listed product. Certified to CSA C22.2#601.1 (R2001)

STERILE A Sterilized Using Aseptic Processing Techniques

STERILE R Sterilized Using Irradiation

STERILE EO Sterilized Using Ethylene Oxide

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