

- Suitable for many applications
- Splitable Introducer included
- Can be used with the MD System for continuous monitoring or manual sample collection

63 Microdialysis Catheter

The sterile, single use 63 Microdialysis Catheter allows continuous monitoring of tissue metabolism in adipose tissue, resting skeletal muscle or in hepatic tissue during open surgery.

Two different sizes of membrane and shaft length make the catheter suitable for many different applications. It can be used to monitor ischemia in free flaps, measure chemistry changes in hepatic tissue or for metabolic research studies in resting skeletal muscle or subcutaneous adipose tissue.

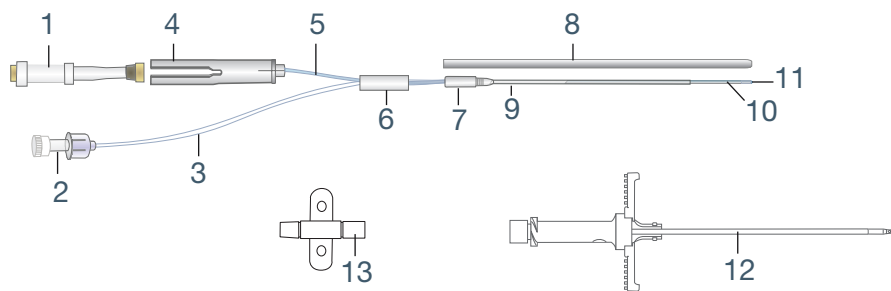
The catheter is easily introduced into the tissue with a splitable introducer. It has a long shaft length that makes it suitable for monitoring skeletal muscle in obese patients or monitor deep buried flaps, after Reconstructive surgery.

Monitoring tissue chemistry continuous “in real time” or via sample collection

The 63 Microdialysis Catheter connected to the MD System Loke allows “in real time” continuous monitoring of the tissue changes of Glucose, Lactate or Pyruvate with minimum workload.

The catheter offers also to collect samples manually in Microvials for analysis in ISCUSflex Microdialysis Analyzer or for research purposes the collected samples can be further analyzed by various techniques such as HPLC.

Parts of the 63 Microdialysis Catheter



1. Microvial - accessory (polystyrene + santoprene)
2. Luer lock connection (polycarbonate)
3. Inlet tube (polyurethane)
4. Vial holder (polycarbonate)
5. Outlet tube (polyurethane)
6. Stopper (silicone)
7. Liquid cross (polysulfone)
8. Protection tube (polyethylene)
9. Shaft (polyurethane)
10. Dialysis membrane (polyarylethersulphone)
11. Gold thread within the catheter tip
12. Splitable Introducer
13. Fixating device (PEBAX®)

Technical information

	MATERIAL	LENGTH mm		Ø mm
		8010509	8010514	
shaft	polyurethane	60	40	OD 0.9
membrane	polyarylethersulphone, PAES	10	30	OD 0.6
inlet tube	polyurethane	600	600	OD 1.0
outlet tube	polyurethane	220	220	OD 1.0
membrane cut-off 20,000 Daltons				

Ordering information

	Ref. No.
63 Microdialysis Catheter 60/10 incl. Splitable Introducer SI-2 4/pkg	8010509
63 Microdialysis Catheter 40/30 incl. Splitable Introducer SI-2 4/pkg	8010514

Accessories (for use with 106/107 MD Pump)

	Ref. No.		Ref. No.
Microvials 250/pkg	P000001	106 Pump Syringe 20/pkg	8010191
Microvials Rack 12/pkg	P000028	Perfusion Fluid T1, 10x5mL	P000034
Microvial in rack, sterile 12x4	P000154	Battery 6V	8001788
106 Microdialysis Pump, 1pc	P000003	Pump kit for peripheral tissue	8003790
107 Microdialysis Pump, 1pc	P000127	Splitable Introducer SI-2 4/pkg	8010343

Accessories (for use with MD System)

	Ref. No.		Ref. No.
MD System Sensor LPG kit	8050187	Catheter Extension	8072001
MD System Syringe kit, Perip Tissue	8050182	Splitable Introducer SI-2 4/pkg	8010343

CE 0413 CE marked according to the Medical Device Directive, 93/42/EEC

STERILE

Sterilized by β -radiation



Storage temperature: 4-25 °C



Single use only



Shelf life: 2 years from the manufacturing date

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