

- Suitable for many applications
- Splitable Introducer included

## 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.

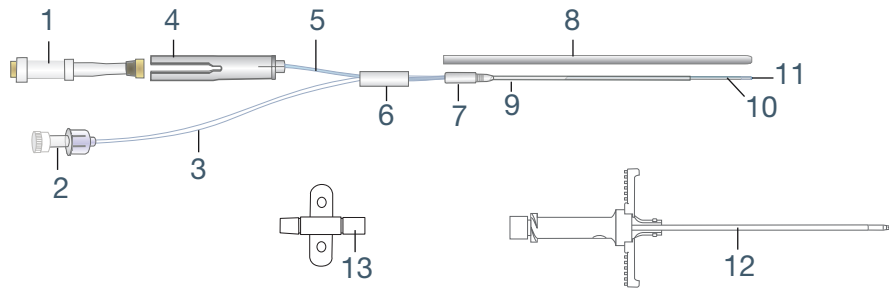
Two different sizes of membrane and shaft length make the catheter suitable for many different applications. It can be used to monitor ischemia in free flaps, measure chemistry changes in hepatic tissue and for metabolic studies in muscle or adipose tissue.

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 in deep buried flaps, after Reconstructive surgery.

### Monitoring tissue chemistry

The 63 Microdialysis Catheter and the Microdialysis Pump form a complete system with the Microdialysis Analyzer. Samples can be collected and analyzed, to continuously follow in vivo tissue chemical changes over several days. For research purposes the 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

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

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

**STERILE** Sterilized by  $\beta$ -radiation

Storage temperature: 4-25 °C

Single use only

Shelf life: 2 years from the manufacturing date

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