

MICRODIALYSIS CATHETER MICROEYE
 (product of Probe Scientific Ltd, UK)

Type: PME011

Description

Microdialysis catheter is provided with a special membrane which produces a “plasma-like” sample without the need for blood centrifugation. It enables “plasma-like” samples taking and continuous monitoring of low-molecular substances in circulating blood without withdrawing blood from the patient. It offers virtually real-time information. Samples can be collected for off-line analysis if required. This catheter is easy to use and reduces risks of contact with blood borne pathogens. The MicroEye is intended for intravenous use for periods up to 48 hours and is inserted via 18G blood catheter.



The range of substances that can be monitored using this catheter

- Electrolytes (such as potassium, magnesium etc.)
- Energy metabolites (glucose, lactate, pyruvate, etc.)
- Amino acids (glutamate, GABA, etc.)
- Hormones and neurotransmitters (dopamine, serotonin, etc.)
- Inflammatory mediators and growth factors (cytokines, etc.)
- Drugs and their metabolites (unbound “free fractions and /or total

Technical parameters

Size	MicroEye tip (protective sheath) cross-section diameter c.0.7 x 0.5 mm
Materials	Medical grade polyamide, ABS hub
Inflow tubing	0.28 x 0.95, 410 mm (ID x OD, length)
Outflow tubing	0.28 x 0.95, 210 mm (ID x OD, length)
Inflow tube fitting	Standard luer-lock connector
Blood catheter hub	Male luer fitting with a locking luer-nut to engage and seal catheter
Usage time	Up to 48 hours “in vivo” more than 100 hours “ in vitro”
Dialysis lag-time	Dependent on perfusion rate and method of detection. Typically less than 5 minutes

Ordering information

- The order is specified by whole product code
- Minimum order quantity - 1 PME011
- Delivery time for standard PME011 Microdialysis catheters 4 weeks from receipt of order
- Delivery time for non-standard PME011
- Microdialysis catheters depends on final technical specification of order

Reference number	PME011
Package dimensions	520 x 95 mm
Box dimensions	530 x 100 x 52 mm
Package weight	0.03 kg
Box weight	0.35 kg
No. per box	10
Boxes per pallet	50

Example of Order

- 10 pieces - PME011