

Микродиализные аксессуары

Описание

По вопросам продаж и поддержки обращайтесь:

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Anchor Screws

The use of a trephine drill in the skull bone gives a clean 2 mm hole that makes the implantation of a probe easier with less risk of tearing the membrane.

Anchor screws are placed in the skull plates before cementing the guide cannula to provide extra stability to the mount. Suitable Screw Drill Bits and Screw Driver Kit for the Anchor Screws are available.

Item No.	Description
CMA7431021	Anchor Screws (pkg. of 100)
CMA8003264	Anchor Screw Drill Bits (pkg. of 3)



DETAILS



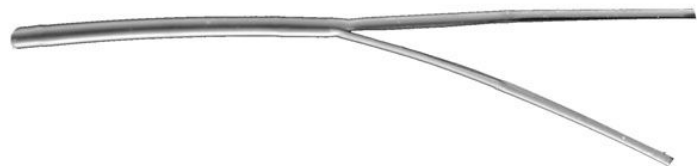
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Anchor screws are placed in the skull plates before cementing the guide cannula to provide extra stability to the mount. Suitable Screw Drill Bits and Screw Driver Kit for the Anchor Screws are available.

Split Tubing for CMA 20 Probes

The CMA 20 Microdialysis Probes are flexible and must be implanted in the tissue with the help of a steel needle and a Split Tubing (introducer). The Split Tubing enables reuse of CMA 20 probes.

Item No.	Description
CMA8309019	CMA 20 Split Tubing (pkg. of 10)



DETAILS



The CMA 20 Microdialysis Probes are flexible and must be implanted in the tissue with the help of a steel needle and a Split Tubing (introducer).

CMA Perfusion Fluid

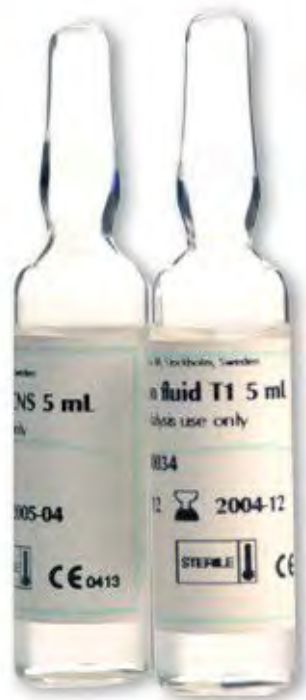
NEW! CNS PERFUSION FLUID WITH DEXTRAN

Isotonic sterile perfusion fluid specially developed for microdialysis use.

T1 fluid is for use in peripheral tissues and CNS fluid is for use in studies of the central nervous system. See Description for composition.

CMA P000151, Perfusion Fluid CNS, is not available for the remaining part of the year. We recommend 59-7316, Artificial CSF Perfusion Fluid, as replacement.

Item No.	Description
CMA P000034	Perfusion Fluid T1, 5 ml, pkg. of 10
CMA P000151	Perfusion Fluid CNS, 5 ml, pkg. of 10
59-7316	Artificial CSF Perfusion Fluid, 6 x 25 mL



DETAILS

NEW! CNS PERFUSION FLUID WITH DEXTRAN

CMA Perfusion Fluids are isotonic sterile perfusion fluids specially developed for microdialysis use. Two types are available: T1 fluid for use in peripheral tissues and CNS fluid for use in studies of the central nervous system.

The CNS perfusion fluid can be provided with or without Dextran. The Perfusion Fluid CNS with Dextran is recommended for limiting the loss of perfusion fluid into the CNS tissues, especially when using high cut-off probes (55 and 100 kDa cut-off) in rats and mice. For more details, see the corresponding Datasheet "Perfusion Fluid with Dextran for Microdialysis" in the Related Files section.

They are conveniently packed in glass ampoules of 5 ml, ready to use.

Perfusion Fluid CNS, for central nervous system:

- NaCl 147 mmol/l
- KCl 2.7 mmol/l
- CaCl_2 1.2 mmol/l
- MgCl_2 0.85 mmol/l

- Total chloride content:153.8 mmol/l

Perfusion Fluid CNS with Dextran, for central nervous system:

- NaCl 147 mmol/l
- KCl 2.7 mmol/l
- CaCl_2 1.2 mmol/l
- MgCl_2 0.85 mmol/l
- Total chloride content:153.8 mmol/l
- Dextran MW 500 kDa 3%

Perfusion Fluid T1, for peripheral tissues

- NaCl 147 mmol/l
- KCl 4 mmol/l
- CaCl_2 2.3 mmol/l
- Total chloride content:155.6 mmol/l

59-7316 Artificial cerebrospinal fluid (aCSF) is commonly used when sampling from brain interstitial fluid. This solution closely matches the electrolyte concentrations of CSF. It is prepared from high purity water and analytical grade reagents. It is microfiltered and sterile. Final Ion Concentrations (in mM): Na 150; K 3.0; Ca 1.4; Mg 0.8; P 1.0; Cl 155. pH 7.2 $\pm$ 0.1. Supplied as a package of six 25 ml vials

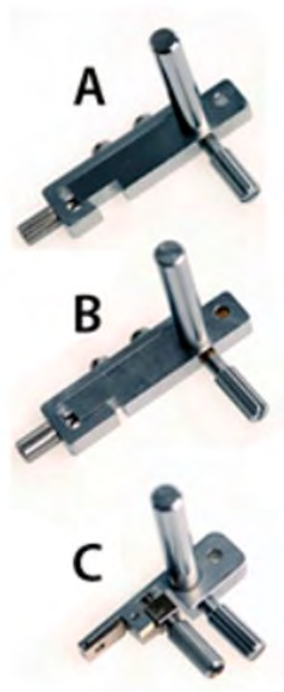
CMA Probe Clips

CMA Probe Clips are used in conjunction with a connecting rod and adapter in stereotaxic work to place the probe or guide in an exact position in the tissue. The clips are also used separately when preparing and testing the probe.

There are three types of clips:

- CMA 11&12 Clip holds the flat body of the CMA 11 or CMA 12 Probes or Guide Cannulae
- CMA 7 & 8 Clip holds the body of a CMA 7 Probe or CMA 8 Probes or Guide Cannula
- CMA Probe Shaft Clip holds the shaft of a probe

Item No.	Description
CMA8309013	CMA 11 & 12 Probe Clip
CMA8309016	CMA 7 & 8 Probe Clip
CMA8309003	CMA Probe Shaft Clip
CMA8309004	Connecting Rod for Probe Clip
CMA8309005	Stereotaxic Adapter



DETAILS



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- CMA Probe Shaft Clip holds the shaft of a probe

FEP and PEEK Tubing

FEP Tubing allows safe connections of the CMA 11 and CMA 12 probes to pumps and fraction collectors.

PEEK tubing is available as an alternative to the FEP tubing.

Item No.	Description
CMA3409501	FEP Tubing, 0.12 mm ID, 1 m (pkg. of 1)
CMA8409501	FEP Tubing, 0.12 mm ID, 1 m (pkg. of 10)
CMA7433069	PEEK Tubing, 0.12mm ID x 0.67mm OD, 1m



DETAILS



FEP Tubing allows safe connections of the CMA 11 and CMA 12 probes to pumps and fraction collectors.

The FEP Tubing with a 0.12 mm inner diameter (internal volume of 1.2 μL /100 mm length) is, together with the Tubing Adapters, ideal for use in microdialysis experiments.

PEEK tubing is available as an alternative to the FEP tubing for sticky substances.

Trephine Drill Bits

The use of a trephine drill in the skull bone gives a clean 2 mm hole that makes the implantation of a probe easier with less risk of tearing the membrane. Anchor screws are placed in the skull plates before cementing the guide cannula to provide extra stability to the mount. Suitable Screw Drill Bits and Screw Driver Kit for the Anchor Screws are available.

Item No.	Description
CMA8011158	Trephine Drill Bits (pkg. of 2)



DETAILS

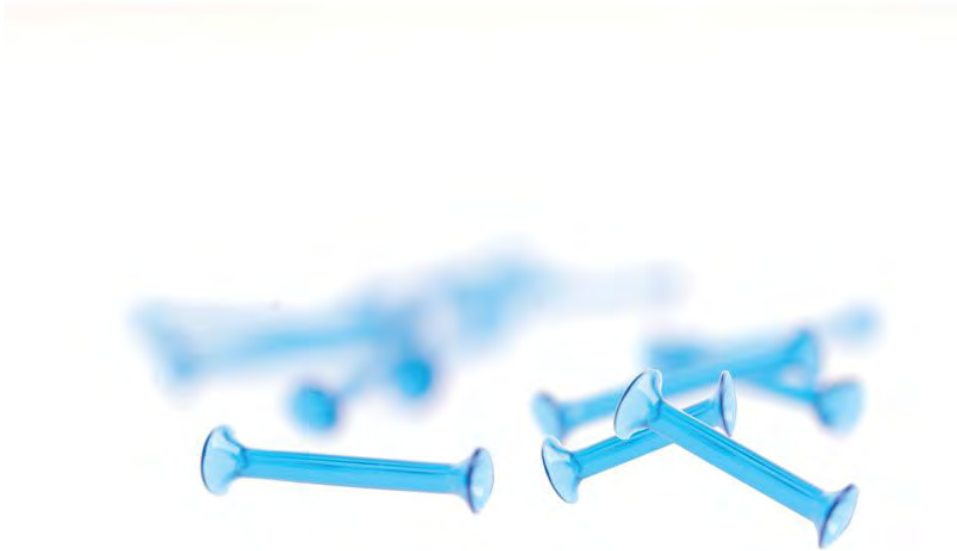


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Tubing Adapters for CMA Microdialysis Probes

Used for connecting FEP Tubing to the probe, swivel, liquid switch and syringes. These simple but secure connectors, which swell in 70 % alcohol and shrink back in air, ensure tight, zero internal volume connections of FEP Tubing to the probe, swivel, liquid switch and syringes.

Item No.	Description
CMA8010464	Tubing Adapters for CMA Linear Microdialysis Probes, pkg. of 10 (for CMA 30 only)
CMA3409500	Tubing Adapters for CMA Microdialysis Probes, pkg. of 10



DETAILS



The Tubing Adaptors are used for connecting FEP Tubing to the probe, swivel, liquid switch and syringes. These simple but secure connectors, which swell in 70% alcohol and shrink back in air, ensure tight, zero internal volume connections of FEP Tubing to the probe, swivel, liquid switch and syringes.

Tubing Adaptors for Linear Probes are specially manufactured to fit the outlet of the Linear Probe to be connected to a swivel or a CMA 470 Fraction Collector. Handling procedure as above.

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