

Product List Neurosurgery

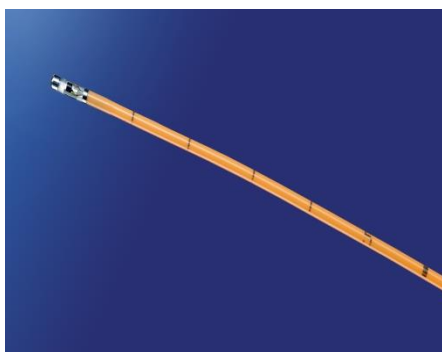
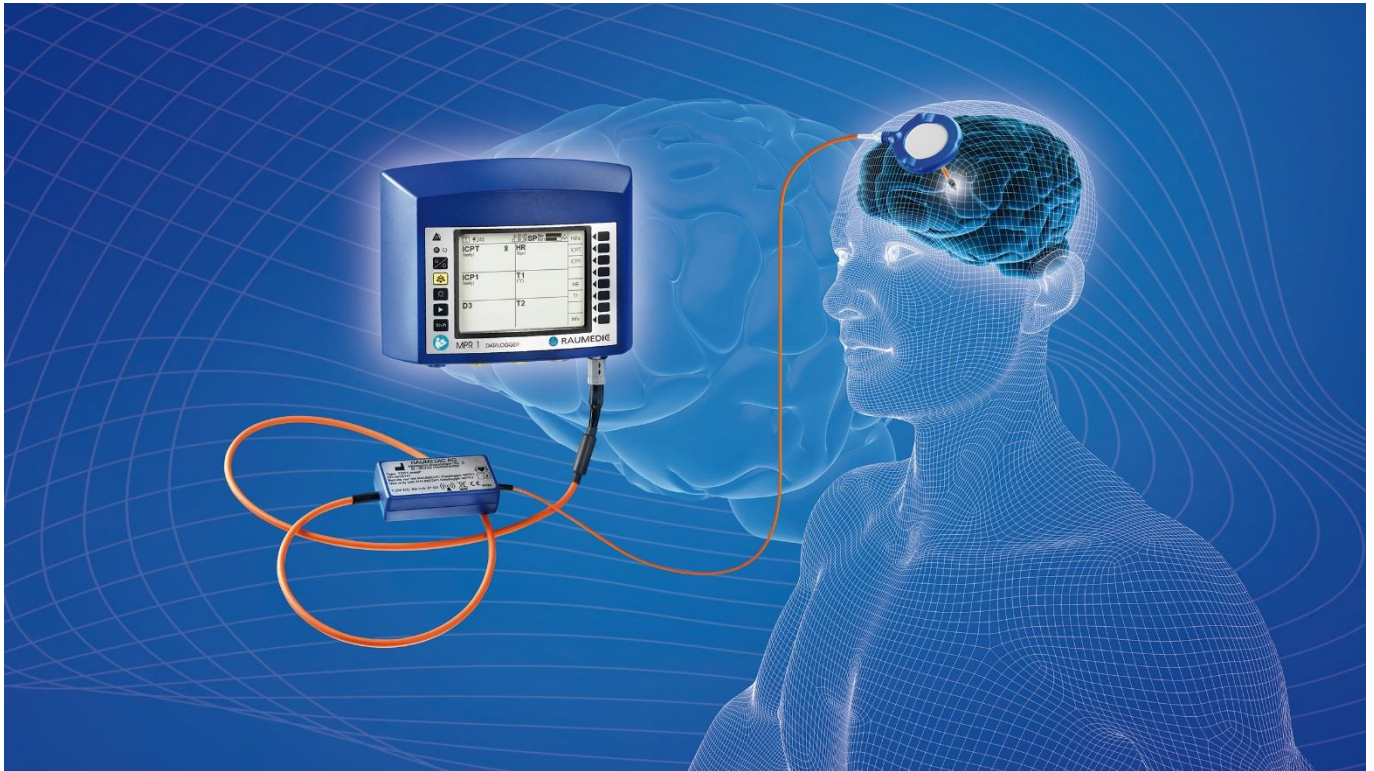
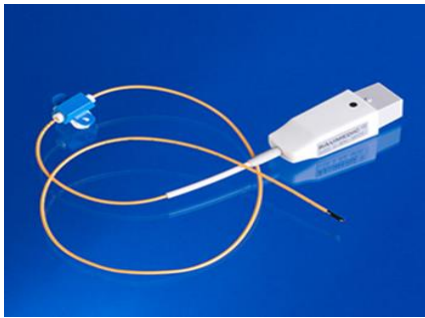


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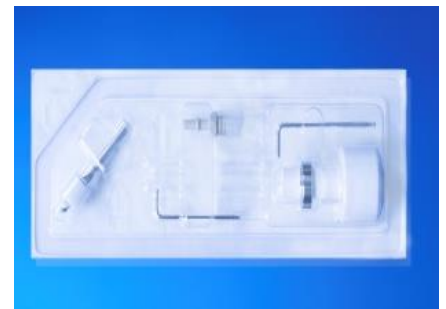
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Intracranial pressure (ICP) measuring with microchip catheter in the parenchyma



Type	Article Number	Description	Application	
NEUROVENT-P	092946-001	5F catheter; length 55 cm (tip to connector) centimetre scale; catheter material: polyurethane housing material: titanium	Parenchymal measurement of intracranial pressure (ICP) with microchip	
NEUROVENT-PX	091580-001	5F catheter; length 55 cm (tip to connector) centimetre scale; catheter material: polyurethane shortened sensor housing made of titanium	Parenchymal measurement of ICP with microchip	
NEUROVENT-P-TEMP	094268-001	5F catheter; length 55 cm (tip to connector) centimetre scale; catheter material: polyurethane housing material: titanium	Parenchymal measurement of ICP and temperature with microchip catheter	
NEUROVENT-TO	095908-001	3F catheter; length 55 cm (tip to connector) centimetre scale; catheter material: polyurethane housing material: titanium Implantation with: Ref 092380-001 BOLT-DRILL-KIT PTO	Parenchymal measurement of temperature and ptiO ₂ with fibre-optic catheter	
NEUROVENT-PTO	095008-001	5F catheter; length 55 cm (tip to connector) centimetre scale; catheter material: polyurethane housing material: titanium Implantation with: Ref 092380-001 BOLT-DRILL-KIT PTO	Parenchymal measurement of ICP, temperature and ptiO ₂ with fibre-optic microchip catheter	
NEUROVENT-PTO 2L	095108-001	5F catheter; 15 cm scale after the measuring window Implantation for craniotomy	Parenchymal measurement of ICP, temperature and ptiO ₂ with fibre-optic microchip catheter	
NEUROVENT-PTO 2L BOLT	095308-001	5F catheter; 15 cm scale after the measuring window Implantation together with Ref 096076-001 BOLT KIT PTO 2L and Ref 091668-002 DRILL KIT CH9	Parenchymal measurement of ICP, temperature and ptiO ₂ with fibre-optic microchip catheter	

**Accessories for NEUROVENT-P, NEUROVENT-P-TEMP, NEUROVENT-PTO/-TO/-PTO-2L
BOLT**

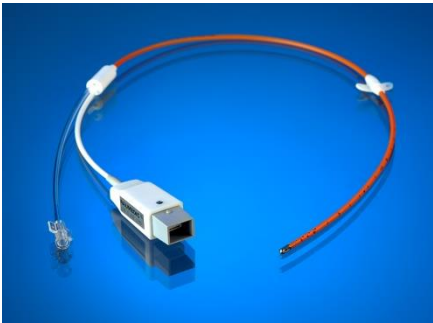


Type	Article Number	Description	Illustration	
DRILL KIT CH5	091878-002	1 drill CH5 (4,5 mm) with stopper 1 allen key		
BOLT-DRILL KIT CH5	091888-001	Set composed of: BOLT KIT CH5 and DRILL KIT CH5		
BOLT-DRILL KIT PTO	092380-001	Set composed of: BOLT KIT PTO and DRILL KIT CH5		
BOLT KIT PTO 2L	096076-001	Fixation Kit composed of: 1 polymer screw CH9 1 dura opener 1 screwing in tool 1 fixing cap 1 silicone seal for CH9 Application of the NEUROVENT-PTO 2L		

Accessories for NEUROVENT-P, NEUROVENT-P-TEMP and NEUROVENT-PTO/-TO/-PTO 2L/-2L BOLT

Type	Article Number	Description	Illustration	
DRILL KIT CH9	091668-002	1 drill CH9 (6,5 mm) with stopper 1 allen key		
Spliceable Tunneling Sleeve CH8	090506-002	Single sterile packaged spliceable Tunneling Sleeve CH8 with trocar Minimum quantity 10 pcs. / box		
Tunneling KIT CH8	090516-001	Single sterile packed Tunneling Sleeve CH8 with trocar Minimum quantity 10 pcs. / box		
RALK-Hand Drill	231584-002	Hand Drill autoclavable		

Intracranial pressure (ICP) measuring with microchip catheter in the ventricle



Type	Article Number	Description	Illustration	
NEUROVENT with stylet	092956-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of the catheter; application with an outside stylet; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid	
NEUROVENT-TEMP with stylet	094278-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of the catheter; application with an outside stylet; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid + temperature measurement	
NEUROVENT-IFD-S Inset guide wire soft	091678-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip catheter; application with a soft inside guide wire; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid	
NEUROVENT-TEMP-IFD-S Inset guide wire soft	094288-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of catheter; application with a soft inside guide wire; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid + temperature measurement	

Intracranial pressure (ICP) measuring with microchip catheter in the ventricle

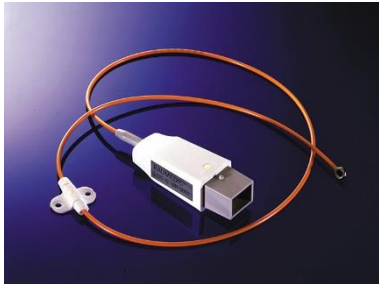


Type	Article Number	Description	Illustration	
NEUROVENT-IFD-R Inset guide wire rigid	095317-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of catheter; application with a rigid inside guide wire; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid	
NEUROVENT-TEMP-IFD-R Inset guide wire rigid	095327-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of catheter; application with a rigid inside guide wire; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid + temperature measurement	
NEUROVENT 6F	094678-001	6F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 3 mm proximal to the tip of catheter; application with an inside guide wire; catheter material: polyurethane housing material: titanium	Ventricular ICP measurement with microchip and option for simultaneous drainage of cerebrospinal fluid	
NEUROVENT with Sleeve Housing	091576-001	9F catheter, length 38 cm (tip to connector), centimetre scale, drainage. The pressure sensor is 35 mm proximal to the tip of catheter; drainage in the ventricle, measurement in the parenchyma; catheter material: polyurethane housing material: titanium	Parenchymal ICP measurement with microchip and ventricular drainage of cerebrospinal fluid; simultaneous drainage and parenchyma ICP measurement	
NEUROVENT VP 16	096704-001	9F catheter, length 16 cm, centimetre scale, drainage. The pressure sensor is 35 mm proximal to the tip of catheter; drainage in the ventricle, measurement in the parenchyma; catheter material: polyurethane housing material: titanium neuro navigable	Parenchymal ICP measurement with microchip and ventricular drainage of cerebrospinal fluid ; simultaneous drainage and parenchyma ICP measurement; neuro navigable	

Accessories for NEUROVENT

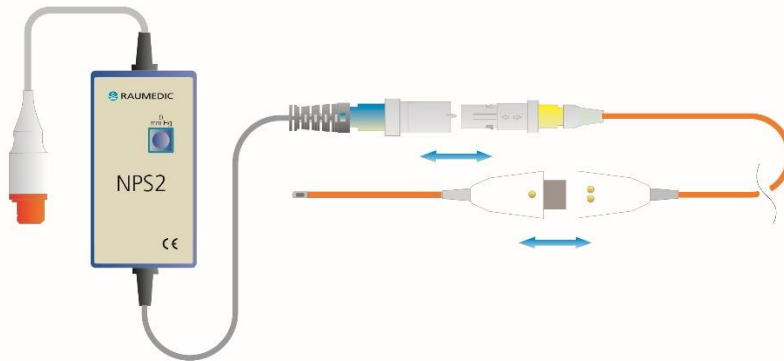
Type	Article Number	Description	Illustration	
DRILL KIT CH9	091668-002	1 drill CH9 (6,5 mm) with stopper 1 allen key		
BOLT-DRILL KIT CH9	091898-001	Set composed of: BOLT KIT CH9 and DRILL KIT CH9		
BOLT-DRILL KIT VP 16	092969-001	Fixation Kit composed of: 1 polymer screw CH9 1 dura opener 1 screwing-in tool 1 fixing cap 1 silicone seal for CH9 1 drill CH9 (6,5 mm) with stopper 1 allen key Application of Rev 096704-001 NEUROVENT VP 16 and Rev 091576-001 NEUROVENT with Sleeve Housing		
Spliceable Tunneling Sleeve CH12	090717-001	Single sterile packaged spliceable Tunneling Sleeve CH12 with trocar Minimum quantity 10 pcs./box		
Tunneling KIT CH12	090727-001	Single sterile packaged Tunneling Sleeve CH12 with trocar Minimum quantity 10 pcs./box		
RALK-Hand Drill	231584-002	Hand Drill autoclavable		




Intracranial pressure (ICP) measuring with microchip catheter in the epidural area



Type	Article Number	Description	Illustration	
NEURODUR	092976-001	6F catheter; length 55 cm (tip to connector), centimetre scale contrary to measuring window. The measuring head has a diameter of 0.6 mm and a height of 2.1 mm. Special tennis racket shape form; catheter material: polyurethane housing material: titanium	Epidural measurement of intracranial pressure with microchip	
NEURODUR-TEMP	094298-001	6F catheter; length 55 cm (tip to connector), centimetre scale contrary to measuring window. The measuring head has a diameter of 0.6 mm and a height of 2.1 mm. Special tennis racket shape form; catheter material: polyurethane housing material: titanium	Epidural measurement of intracranial pressure with microchip + temperature measurement	

Extension and adapter cables for ICP Measurement



Type	Article Number	Description	Illustration	
ICP-TEMP-Cable	094328-001	Extension cable for connection between catheter and zero point simulator NPS2 or bifunctional adapter. The cable is usable for ICP measurement and bifunctional ICP/temperature measurement		
ICP-TEMP-Adapter	094323-001	Bifunctional adapter, necessary for transmission of the temperature-signal to the patient monitor. It is the interface between the extension cable and the zero point simulator + temperature monitor. Usable for the most monitors		
ICP-TEMP-Adapter Philips/HP	094047-001	Bifunctional adapter, necessary for transmission of the temperature-signal to the patient monitor. It is the interface between the extension cable and the zero point simulator and temperature monitor. Only for Philips/HP monitors		

Monitor interface cable NPS2 for NEUROVENT, NEUROVENT-P, NEURODUR



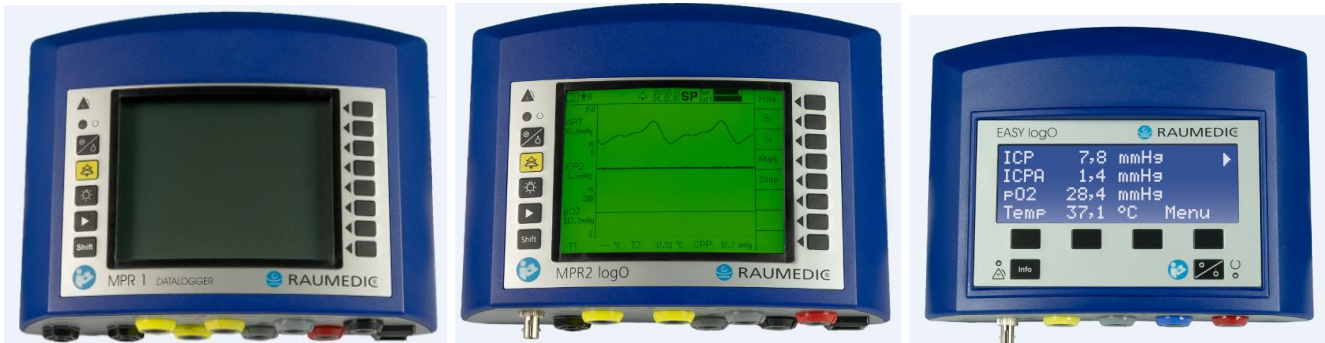
Type	Article Number	Description	Illustration	
NPS2 Philips/HP	092637-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Philips/HP	
NPS2 Siemens/Dräger Infinity	092627-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Siemens/Dräger Infinity	
NPS2 GE/MARQUETTE	093807-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor GE/MARQUETTE	
NPS2 GE	093999-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Criticare PDM Module	
NPS2 SpaceLabs 9X496 Module	095027-002	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor SpaceLabs 9X496 Module	
NPS2 SpaceLabs	091715-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor SpaceLabs	
NPS2 Spiegelberg Compliance	096013-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Spiegelberg Compliance	
NPS2 Spiegelberg CPP	091738-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Spiegelberg CPP	
NPS2 Datascope	095918-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Datascope	
NPS2 Fukuda Denshi	096003-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Fukuda Denshi	
NPS2 Fukuda Denshi 8000	095007-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Fukuda Denshi 8000	
NPS2 Braun VISICON	094624-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Braun VISICON	
NPS2 Nihon Kohden BSM 41xx	094716-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Nihon Kohden BSM 41xx	
NPS2 Tempus Pro	095097-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Tempus Pro	
NPS2 Criticare nCompass	095037-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Criticare nCompass	
NPS2 Saadat	096023-001	Interface between ICP-TEMP-Cable and patient monitor	Interface cable to the monitor Saadat	

The mobile pressure measurement device



Type	Article Number	Description	Illustration	
NPS3	091656-001	Single channel, battery operated measuring device in conjunction with RAUMEDIC microchip catheters	Mobile pressure measuring device	

RAUMEDIC DATALOGGER



Type	Article Number	Description	Illustration	
MPR 1 DATALOGGER	094474-002	Recording and visualizing invasive pressure and temperature data; Large data storage capacity up to 400 hours, lightweight, long life rechargeable battery	Datalogger for: 3 x pressure 2 x temperature with: - USB-Interface - analogue output	
MPR2 logO DATALOGGER	095254-002	Recording and visualizing invasive pressure, ptiO2 and temperature data; Large data storage capacity up to 400 hours, lightweight, long life rechargeable battery	Datalogger for: 2 x pressure 1x ptiO2 2 x temperature with: - USB-Interface - analogue output	
EASY logO	095264-002	Shows values of ICP, ptiO2 and temperature; no data storage, only power supply operation, numeric display. Transfer of the values (ICP and ptiO2) to the patient monitor with the appropriate accessories	Measurement Device for: 1 x ICP and Temperature 1 x ptiO2	

RAUMED NeuroSmart and RAUMED NeuroSmart logO



Type	Article Number	Description	Illustration	
RAUMED NeuroSmart	095284-001	Recording and visualizing invasive and telemetric measured pressure and temperature data Display LCD, color, 10 inch, Data storage 3,3 GB, Storage period up to 10 days, Mass 3,0 kg, Battery/mains operation Incl. Stand Holder	2 x pressure 1 x pressure telemetric 2 x temperature with: 2x USB interfaces 2x analogue outputs 1x analogue Rec output	
RAUMED NeuroSmart logO	095294-001	Recording and visualizing invasive and telemetric measured pressure, ptiO2 and temperature data Display LCD, color, 10 inch, Data storage 3,3 GB, Storage period up to 10 days, Mass 3,0 kg, Battery/mains operation Incl. Stand Holder	2 x pressure 1 x pressure telemetric 1 x ptiO2 2 x temperature with: 2x USB interfaces 2x analogue outputs 1x analogue Rec output	

RAUMEDIC Accessories for

MPR 1 DATALOGGER
MPR2 logO DATALOGGER
EASY logo



RAUMED NeuroSmart
RAUMED NeuroSmartlogO



Type	Article Number	Description	
Cable DATALOGGER Siemens/Dräger Infinity	094878-002	for connection of the RAUMEDIC devices and the Siemens/Dräger Infinity monitor	
Cable DATALOGGER Philips/HP	094868-002	for connection of the RAUMEDIC devices and the Philips/HP monitor	
Cable DATALOGGER GE/MARQUETTE	094858-001	for connection of the RAUMEDIC devices and the GE/MARQUETTE monitor	
Cable DATALOGGER SpaceLabs	094967-001	for connection of the RAUMEDIC devices and the SpaceLabs monitor	
Cable DATALOGGER Nihon Kohden	096006-001	for connection of the RAUMEDIC devices and the Nihon Kohden monitor	
Cable DATALOGGER Nihon Kohden 41xx	095017-001	for connection of the RAUMEDIC devices and the Nihon Kohden monitor	
Transducercable DATALOGGER Smiths Medical	094908-001	for connection of the RAUMEDIC devices and the disposable transducer (Smiths Medical DPT-6100)	
Transducercable DATALOGGER Medex MX 960	095974-001	for connection of the RAUMEDIC devices and the disposable transducer (Medex)	
Transducercable DATALOGGER Combitrans	096664-001	for connection of the RAUMEDIC devices and the disposable transducer (Combitrans)	
Transducercable DATALOGGER Becton Dickinson	096046-001	for connection of the RAUMEDIC devices and the disposable transducer (BD PMSET 1DT-XX)	
Transducercable DATALOGGER Edwards TRUWAVE	096036-001	for connection of the RAUMEDIC devices and the disposable transducer (Edwards TRUWAVE)	






RAUMEDIC Accessories for

MPR 1 DATALOGGER
MPR2 logO DATALOGGER
EASY logO



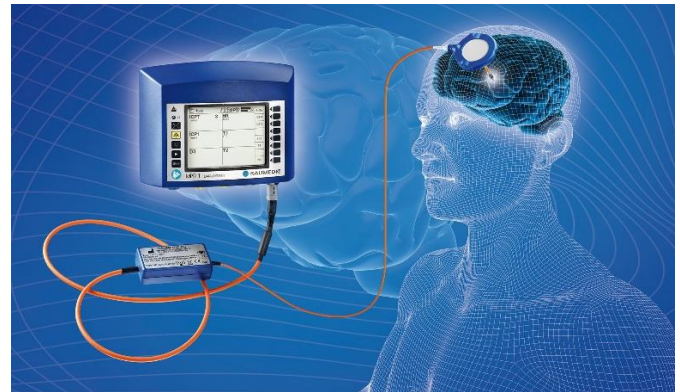
RAUMED NeuroSmart
RAUMED NeuroSmart logO



Type	Article Number	Description	Illustration
Cable PTO	095624-001	to connect the pressure and temperature line of the NEUROVENT-PTO/TO/PTO-2L with the MPR2 logO DATALOGGER / EASY logO	
Cable LWL	095657-001	to connect the oxygen line of the NEUROVENT-PTO/TO/PTO-2L with the MPR2 logO DATALOGGER/ EASY logO	
Stand Holder DATALOGGER	283957-002	to fix the MPR 1/2 and EASY logO on a stand	
Table Stand DATALOGGER	283959-002	to place the MPR 1/2 and EASY logO on a table	
RAUMED DataView*	296900-001	to transfer and analyse data from MPR 1/2 to PC/laptop	
USB-Cable*	283949-001	to connect the MPR 1/2 with the PC	

* No medical product according to MPG and EU-VO 2017/745.

Telemetric ICP Measurement



Type	Article Number	Description	Illustration
NEUROVENT-P-tel	096504-001	Telemetric ICP catheter in the parenchymal area	
DRILL KIT CH5	091878-002	1 drill CH5 (4,5 mm) with stopper 1 allen key	
RAUMED Home ICP	096804-001	Data recording and storage of the telemetric measurement values (outpatient sector)	
Reader TDT1 readP	096524-001	Wireless data acquisition between implanted catheter and reader; connection to MPR 1 DATALOGGER	
MPR 1 DATALOGGER	094474-002	Data recording and storage of the telemetric measurement values (inpatient sector), Data storage capacity up to 400 h, weight: 950 gr., Mains / battery operation	
RAUMED NeuroSmart	095284-001	Recording and visualizing invasive and telemetric measured pressure and temperature data Display LCD, color, 10 inch, Data storage 3,3 GB, Storage period up to 10 days, Mass 3,0 kg, Battery/mains operation Incl. Stand Holder	