



Intracranial
Pressure and Temperature
Monitoring Catheter

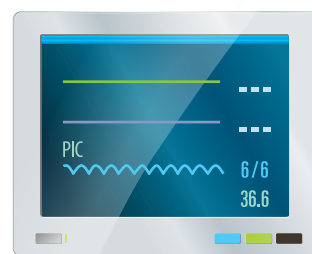
HpPic

Intracranial Pressure and Temperature Monitoring Catheter HpPic

INTRACRANIAL PRESSURE AND TEMPERATURE MONITORING CATHETER HpPic provides continuous monitoring and measurement through pressure and temperature sensors placed on the distal tip, delivering direct and precise monitoring at required application site.

The pressure monitoring measurement technology with semiconductor of reduced size allows excellent stability and high level of precision. The temperature measurement achieved through thermistor guarantees a rapid thermic balance and reliability.

The combination between the pressure and temperature sensors and signal treatment with microprocessor system guarantees highly precise records and reproduction of pressure curves throughout continuously monitoring.



Invasive Pressure Monitor

KEY FEATURES

The monitoring catheter is used with the Interface Module HpMip allowing connection with several models of invasive pressure monitors available in the market, avoiding the need for specific monitors.

The Interface Module HpMip has a zeroing button to

atmospheric pressure and integrated extension cables to the monitoring catheter and the monitor.

The Interface Module must be selected according to the model/brand of the pressure monitor available at the hospital for compatible connections.



The catheter is internally built with wires for transferring data, bringing flexibility without any risk of rupture and functioning interruption.

The disconnection and connection is possible without re-zeroing as the calibration parameters are kept stored.

The catheter is available for PARENCHYMAL/SUBDURAL or VENTRICULAR measurement with three configurations of Introduction Kit.

PARENCHYMAL/SUBDURAL CATHETER:

Manufactured in polyurethane, with external diameter of 5F.

Marked every centimeter to control the introduction depth.

The catheter flexibility allows subcutaneous tunneling without any risk of ruptures.

VENTRICULAR CATHETER:

Manufactured in medical grade silicone with external diameter of 9F and 35 cm of length. Marked every centimeter to guide the introduction depth. Features specific lumen for liquor drainage allowing attachment to an external ventricular drainage system during the monitoring procedure. The catheter flexibility allows subcutaneous tunneling with no risks of rupture.

INTERFACE MODULE Hp Mip - AVAILABLE CONNECTIONS

HpMip-01



Lifemed (Lifetouch 10, Lifetouch 17)
SpaceLabs (Élance Elite Vital Signs Monitors, Élance Vital Signs Monitor, mCare 300 Vital Signs Monitor, Tek, Vitatek series 400/500/600, Alpha-PC series 9000)
Mindray (PM7000, PM8000, PM9000)
Dixtal (DX2010, DX2020, DX2021, DX2022, DX2023), InStramed (InMax)



HpMip-02



GE (Dash 3000, Dash 4000 Dash ,5000, Solar 8000i)



HpMip-03



Philips (MP40, MP60, MP70, MX800)



HpMip-04



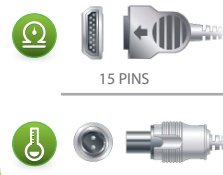
Mindray (5000, 6000, T5, T8)



HpMip-05



Philips/HP



HpMip-06



Draeger/Siemens (Sirecus 4001281, SC8000, 700, 630)



HpMip-07



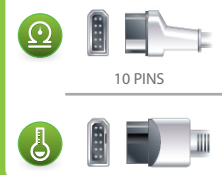
Draeger/Siemens (PM8014, PM8060)



HpMip-08



SpaceLabs (Ultraview)



HpMip-09



GE (CARESCAPE MONITOR B850, CARESCAPE MONITOR B650, CARDIACAP I, II, S) GE Datex-Ohmeda(S/S Light Monitor)

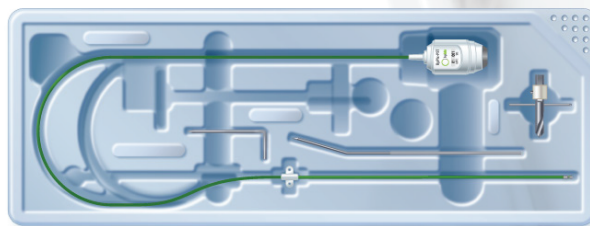


Device Pressure Temperature

MODELS

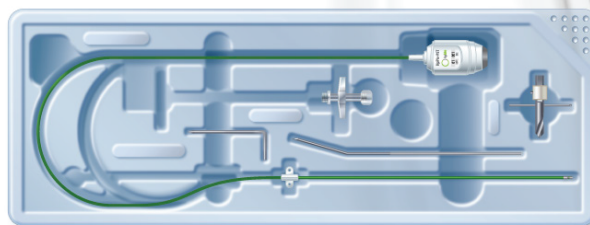
PARENCHYMAL/SUBDURAL INTRACRANIAL PRESSURE MONITORING CATHETER AND INTRODUCTION KIT HpPic-PST

- Catheter with temperature and pressure sensor 5FR x 750 mm
- Suture collar
- Allen wrench to adjust the stop of drill bit
- Ø 6,5 mm drill bit, with adjustable stop
- Trocar with tunneling sheath
- Stylet for dura mater opening



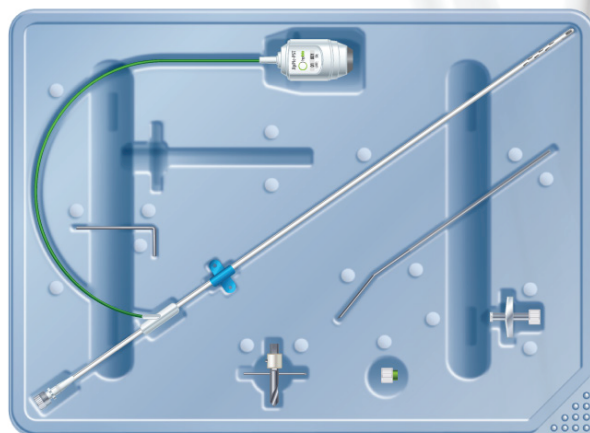
PARENCHYMAL INTRACRANIAL PRESSURE MONITORING CATHETER AND INTRODUCTION KIT HpPic-PB

- Catheter with temperature and pressure sensor 5FR x 750 mm
- Bolt for catheter fixation
- Allen wrench to adjust the stop of drill bit
- Ø 6,5 mm drill bit, with adjustable stop
- Trocar with tunneling sheath
- Stylet for dura mater opening



VENTRICULAR INTRACRANIAL PRESSURE AND TEMPERATURE MONITORING CATHETER WITH DRAINAGE AND INTRODUCTION KIT HpPic-V

- Catheter with temperature and pressure sensor and lumen for liquor drainage with 35 cm length and Øext.3.0 mm
- Suture collar
- Allen wrench to adjust the stop of drill bit
- Ø 6,5 mm drill bit, with adjustable stop
- Stylet for dura mater opening
- Trocar with tunneling sheath
- Bolt for catheter fixation
- Wire guide for introduction of catheter
- Luer Cap



The technical information for these products is not limited to the characteristics presented in this catalog. For complete information, request the Instructions for Use at info@hpbio.com.br



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