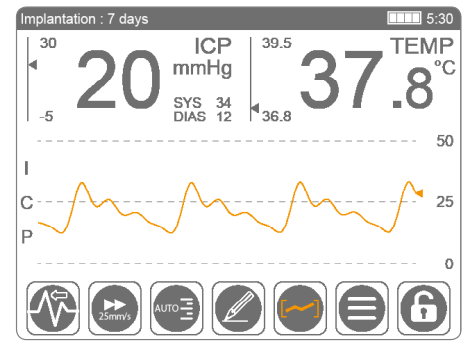


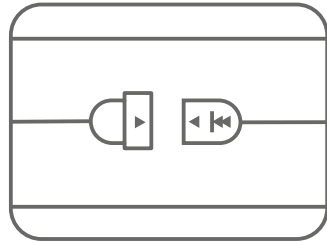
Pressio[®] 2

A unique ICP monitoring experience

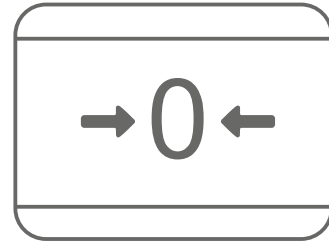


Pressio[®] 2, a design driven by user experience

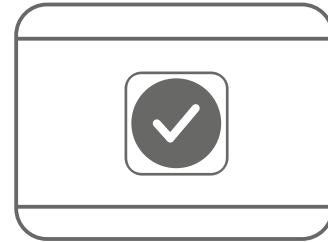
System Set-up



Simple connection

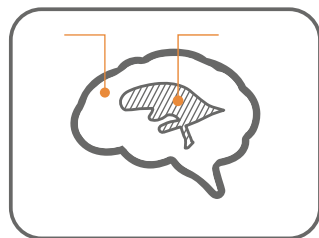


Semi automatic zeroing

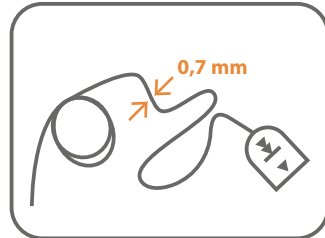


Quick bedside monitor calibration

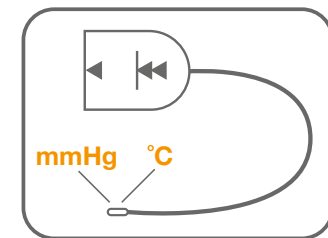
Implantation



Different implantation depending on clinical needs.



Thin & Flexible

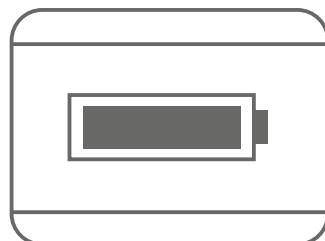


Brain temperature at the same time as ICP

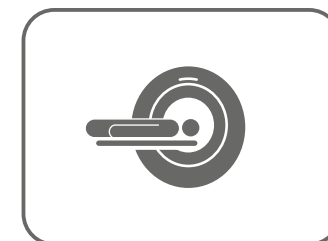
Nursing



Memory: no need to redo the zeroing

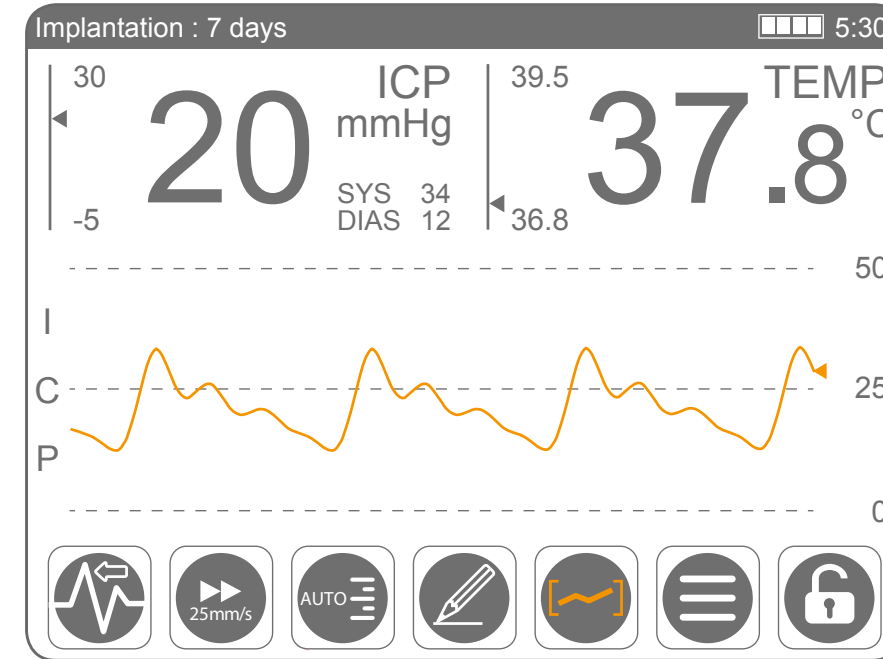


Batterie : up to 10h of autonomy



MR conditional probe (3T)

Monitoring functions



Touch screen technology



Automatic safety locking



Real time ICP curve display



Auto scaling



Adjustable scrolling speed

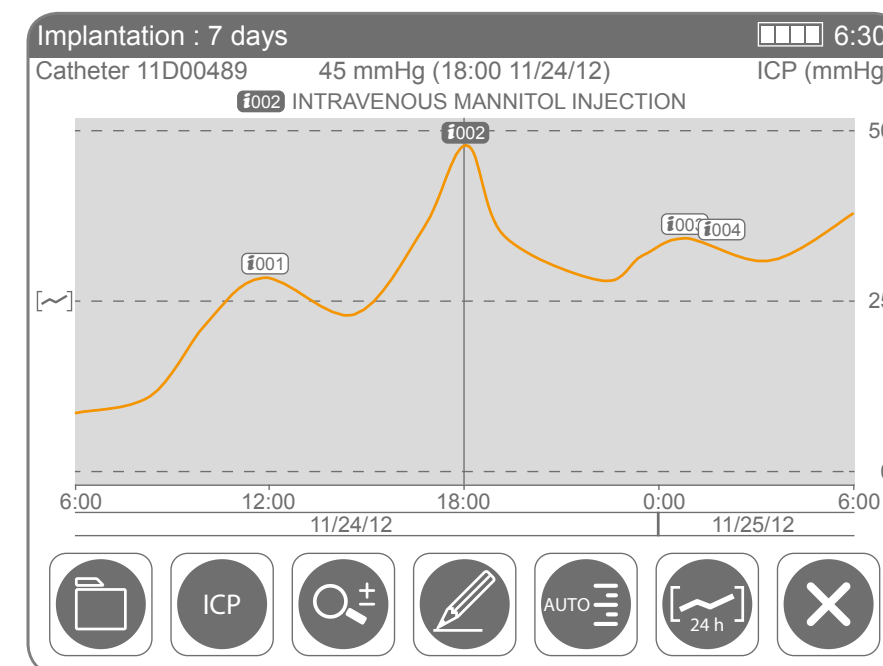


Event recording

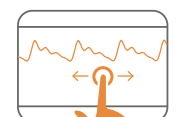


Real time data acquisition on a computer.

Trend functions



Historic display from 6h to 6d



Intuitive historic browsing



Event review



Zoom (from 4 sec to 2h)



PDF reports exportation for printing & archiving



Data import or export via USB key

Pressio® 2 System technical features

Pressio® 2 ICP Monitor



Included : Catheter extension cable (PSO-EC 30), power supply cable, pole clamp and battery

Technical specifications:

- Monitor dimensions: L198 mm x H127mm x D106mm
- Weight: 1,8 Kg
- Screen : 5.7» VGA Color TFT LCD
- Batteries charging time: 4 à 12h
- Operating time : 6 à 10h.

Intracranial pressure & temperature parameters:

Value	Acquisition frequency	Display range	Alarm levels
Intracranial Pressure (ICP)	100 Hz (i.e 100 data per second)	-40 / + 150 mmHg	-10 / + 40 mmHg
Intracranial temperature (ICT)	1 Hz (i.e 1 data per second)	+20 / + 45 °C	+20 / + 45°C

Pressio@2 system accuracy and drift

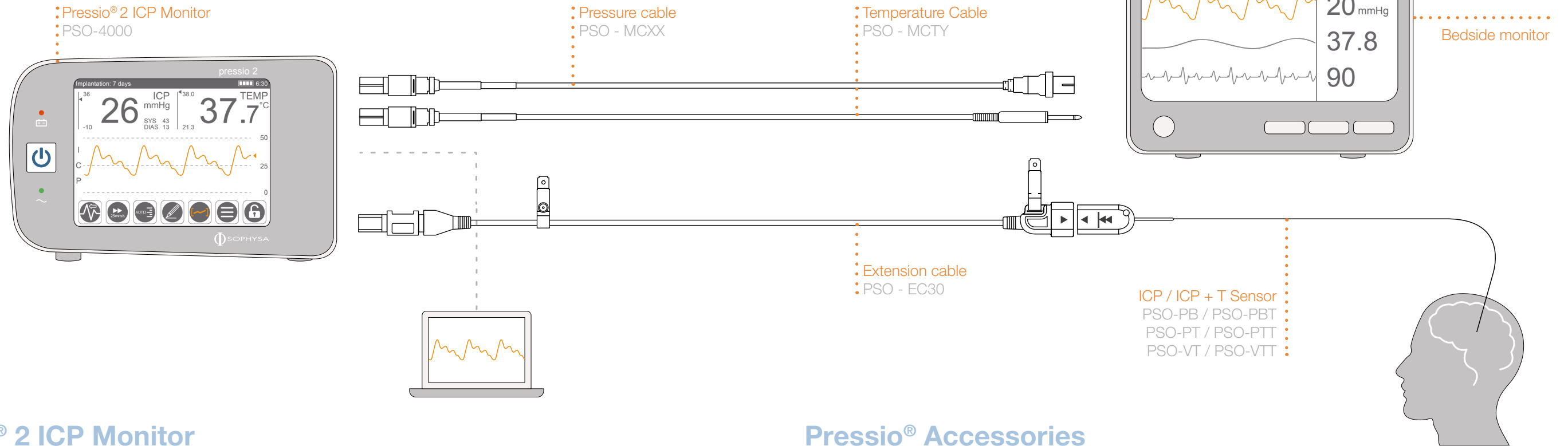
- Accuracy : +/- 2%
- Drift :
 - In vitro testing : <0,05 mmHg/7 days ⁽¹⁾
 - In vivo testing : -0,7 +/- 1,6 mmHg/100h ⁽²⁾

Pressio® catheters kits, 3 types of implantation possible, depending on clinical needs

	References	Technical description
	PSO-PT/ PSO-PTT	Pressio® Catheter Kit, Parenchymal Tunneling ICP only / ICP + ICT Monitoring <ol style="list-style-type: none"> 1. Polyamide catheter, with sensor(s), 0.7 mm diameter 2. 3.5 mm diameter drill bit, with adjustable stop 3. Allen wrench for setting the adjustable stop on the drill bit 4. Tunnelling needle 5. Fixation wing
	PSO-PB/ PSO-PBT	Pressio® Catheter Kit, Parenchymal with Bolt ICP only / ICP + ICT Monitoring <ol style="list-style-type: none"> 1. Polyamide catheter, with sensor(s), 0.7 mm diameter 2. Bolt with tightening screw 3. Spacer ring to adjust bolt depth 4. 2.7 mm diameter drill bit, with adjustable stop 5. Allen wrench for setting the adjustable stop on the drill bit 6. Stylet
	PSO-VT/ PSO-VTT	Pressio® Catheter Kit, Ventricular Tunneling ICP only / ICP + ICT Monitoring <ol style="list-style-type: none"> 1. Catheter with sensor(s), in a 3 mm silicon sheath, with pre-inserted introduction stylet, dedicated lumen for CSF drainage and depth markings 2. 3.5 mm diameter drill bit, with adjustable stop 3. Allen wrench for setting the adjustable stop on the drill bit 4. Trocar with tunnelling sheath 5. Fixation wing 6. Luer-lock connection for external CSF drainage

(1) Allin D, Czosnyka M. et al. Laboratory testing of the Pressio Intracranial Pressure Monitor. Neurosurgery. 2008; 62:1158-61. (2) Lescot T et al. In vivo accuracy of two intraparenchymal intracranial pressure monitors. Intensive Care Med. 2011;37:875-9.

Pressio® 2 System configuration



Pressio® 2 ICP Monitor

References	Description
PSO-4000	Pressio® 2 ICP monitor Mains power supply cable and Catheter extension (PSO-EC30) included
PSO-EC30	Catheter extension alone. For use only with a Pressio® 2 monitor. Length: 2 m

Pressio® catheter kits

References	Description
PSO-PBT	Pressio® ICP and ICT monitoring kit, parenchymal with bolt
PSO-PTT	Pressio® ICP and ICT monitoring kit, parenchymal tunneling
PSO-VTT	Pressio® ICP and ICT monitoring kit, ventricular tunneling with external CSF drainage function
PSO-PB	Pressio® ICP monitoring kit, parenchymal with bolt
PSO-PT	Pressio® ICP monitoring kit, parenchymal tunneling
PSO-VT	Pressio® ICP monitoring kit, ventricular tunneling with external CSF drainage function

Pressio® Accessories

Patient monitor cable types

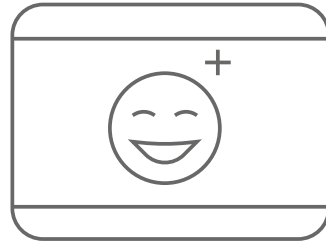
PSO-MCxx	Patient monitor/pressure cable. For use only with a Pressio® monitor. Length: 2 m	PSO-MCxx	Patient monitor/temperature cable. For use only with a Pressio® monitor. Length: 2,90 m
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References	Description	References	Description
PSO-MC01	Patient Monitor Cable, Philips (Agilent) 12 pins	PSO-MCT-A	Temperature Patient Monitor Cable, Philips (Agilent) 2 pins
PSO-MC02	Patient Monitor Cable, Siemens (Sirecust) 10 pins	PSO-MCT-B	Temperature Patient Monitor Cable, Siemens 7 pins
PSO-MC03	Patient Monitor Cable, Spacelabs & Mindray 6 pins	PSO-MCT-C	Temperature Patient Monitor Cable, Spacelabs 10 pins
PSO-MC04	Patient Monitor Cable, GE (Datex-Ohmeda) 10 pins	PSO-MCT-E	Temperature Patient Monitor Cable, GE Solar (Marquette), GE Datex-Ohmedas 11 pins
PSO-MC05	Patient Monitor Cable, GE Solar (Marquette) 11 pins	PSO-MCT-F	Temperature Patient Monitor Cable, Hellige, Datex-Ohmeda, Nikon-Kohden, Mindray & Datascope Jack 6,35 mm
PSO-MC06	Patient Monitor Cable, Hellige 10 pins		
PSO-MC07	Patient Monitor Cable, Siemens 7 pins		
PSO-MC08	Patient Monitor Cable, Nihon Kohden 5 pins		
PSO-MC10	Patient Monitor Cable, Datascope 6 pins		

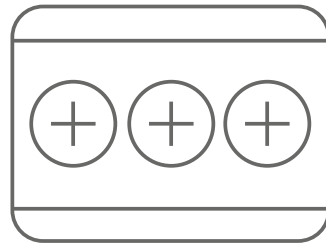


Pressio[®] 2

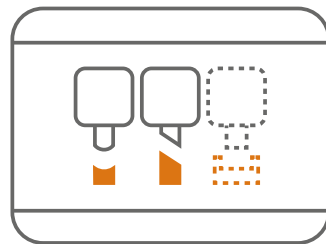
A unique ICP monitoring experience



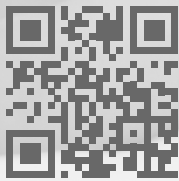
USER
FRIENDLINESS



ADVANCED
FUNCTIONS



IMPROVED
COMPATIBILITY



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