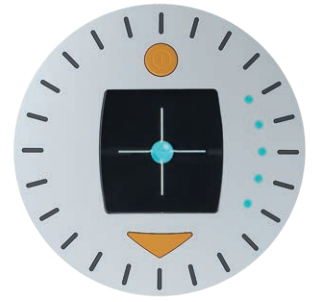


Electronic Compass

When accuracy matters



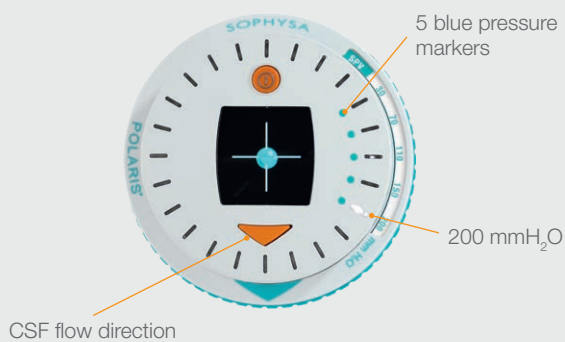
Electronic Compass

Adjusting Sophysa neurosurgical valves means three tools, three steps: locating the valve, reading the pressure and setting the new one.

As an alternate device to the mechanical reading instrument within the adjustment operation, the **Electronic Compass** makes the centering on the valve magnetic center easier*, at any tilt angle, with clear and simple visual instructions.

Polaris® reading becomes electronic

Locating the valve and reading the pressure through a blue-coded interface



Electronic Compass in the Polaris® locator

May be inserted afterwards into the existing mechanical adjustment kit for Polaris (PAK2)



The new face of the reading instrument



Making reading smarter



Video

* Internal documents

Scan the 2D barcode with your phone to access to the Polaris® and Electronic compass video.



Pressure reading at any angle

- More comfort for the patient: horizontal position not required



Direct analog reading

- The lit marker is aligned with the actual pressure value on the locator ring



200 mmH₂O

Easy-to-use interface

- No menu
- Step-by-step visual guidance



Follow the arrow to find the magnetic center of the valve



The magnetic center of the valve is found

Works even with a thick skin

- Up to 12 mm**



Thin skin



Thick skin

Electronic Compass

Easy reading*



PAK3-ERI

*Simple, menu-free adjustment. 100% successful reading with the electronic compass, regardless of the tilt angle of the valve. Internal user testing. Data on file.

**Reading up to 12 mm skin thickness. For an optimal adjustment, we recommend 8 mm as the maximum implantation depth; Refer to the IFU of the valves.

Reference	Designation
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Electronic Compass alone



PAK3-ERI

Polaris® valves electronic reading instrument

Fits in the Adjustment kit



PAK2

Polaris® valve mechanical adjustment kit
Includes the locator, the mechanical compass, the magnet and one Polaris® demo valve

+ PAK3-ERI

Polaris® valves electronic reading instrument



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Distribution:

DCBR-ERI-01(EN)Rev005 - 11/2024. The polaris® adjustable pressure valve is intended to shunt the Cerebrospinal Fluid (CSF) from the ventricular system or subarachnoid spaces to the peritoneal cavity (VPS) or the right atrium of the heart where it will be reabsorbed in the blood flow. The Polaris valve is indicated for the treatment of hydrocephalus, subarachnoid cysts, or idiopathic intracranial hypertension (IIH), also called Pseudotumor cerebri. The Polaris Adjustment Kit-2 is intended to read and change the operating pressure of a Polaris valve. (Class I) The electronic reading instrument is intended to locate and read the operating pressure of a Polaris® valve. All these products adapt to the clinical need and evolution of the patient. It is specifically designed to be combined with the Locator from a compatible Polaris Adjustment Kit (PAK2). For more information, please refer to the instructions for use. Polaris® valves : Class III - CE0459. Polaris® adjustment Kit - 2 : Class I. Polaris® valves electronic reading instrument : Class I. The Polaris® valve is a registered trademark of Sophysa. For the exclusive use of healthcare professionals. Non-contractual visuals. All rights reserved. © Sophysa. Illustrations © P. Plateau.