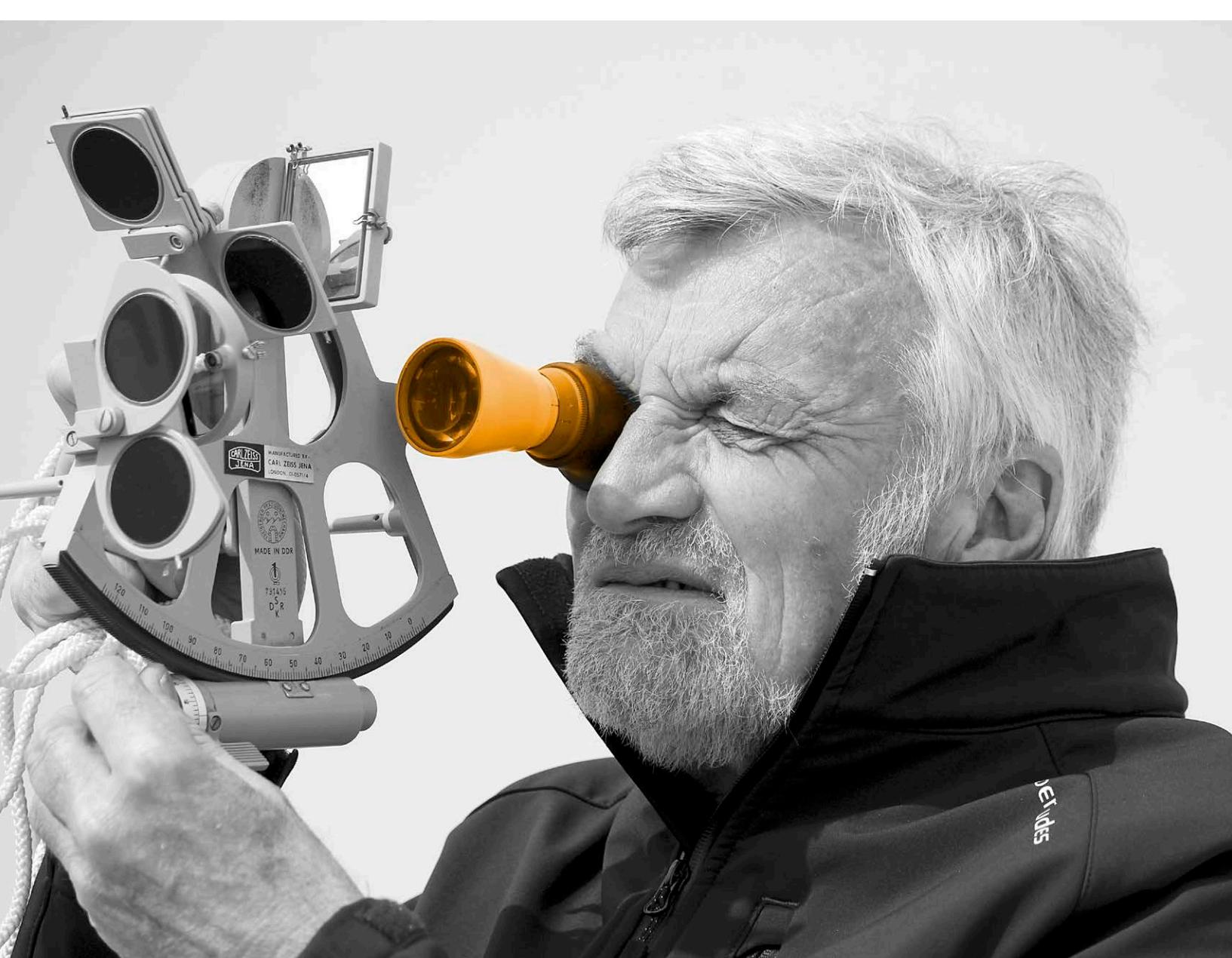
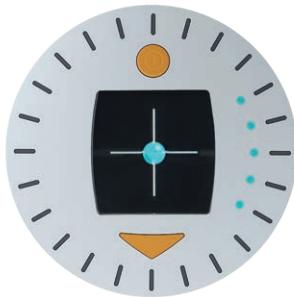


Electronic Compass

Always on target



Φ SOPHYSΑ
At the heart of the **brain**

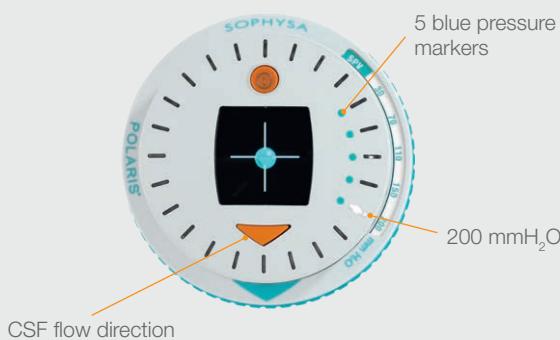
Electronic Compass

Adjusting Sophya neurosurgical valves is done in three steps: locating the valve, reading the pressure and setting the new one.

As an alternative to the Mechanical Compass, the **Electronic Compass** makes locating the valve's magnetic center more intuitive and easier in any patient position by guiding the clinician with clear and simple instructions from the device.

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 Compass



- Makes reading easier
- More comfortable for the patient



* 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



Electronic Compass

Easy reading*



PAK3-ERI

Direct analog reading

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



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



Thin skin



Thick skin

Works even with a thick skin

- Up to 12 mm**

*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
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

DCB-ERI(US)Rev004 - 11/2024. The Polaris® adjustable pressure valve is designed for the treatment of hydrocephalus by shunting the Cerebrospinal Fluid (CSF) to the abdominal cavity or right atrium of the heart, and the Polaris adjustment Kit-2 is indicated for patients implanted with a Polaris valve to treat 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. 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.

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www.sophysa.us



Sophysa:

5, rue Guy Moquet
91400 Orsay - France
Tel.: +33 (0)1 69 35 35 00
Fax: +33 (0)1 69 35 36 90
contact@sophysa.com

Sophysa USA Inc:

503 E Summit Street, Suite 5
Crown Point, IN 46307 - USA
Tel.: +1 (219) 663-7711
Fax : +1 (219) 663-7741
contact@sophysa.us

Distribution:

