

# Monopressure Valves

## Ball-in-cone Valve

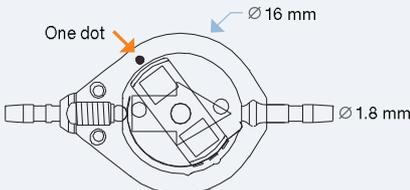
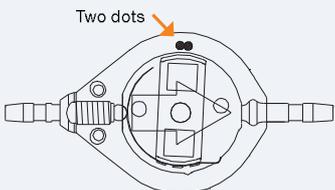
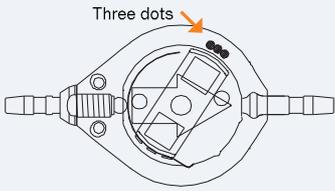
### Sophy® Mini Monopressure Valve

Sophy® Mini Monopressure Valves are fixed-pressure CSF valves, incorporating the same size, shape, material and reliability of the ball-in-cone mechanism as the Sophy® Mini Adjustable Valves.

It is available in low, medium, and high pressures.

Each Sophy® Mini Monopressure Valve is individually tested, and identified by a unique serial number.



	Product code	Description
	SM1-L	<b>Sophy® Mini Monopressure Valve, Low Pressure</b> Fixed operating pressure of 50 mmH <sub>2</sub> O.
	SM1-M	<b>Sophy® Mini Monopressure Valve, Medium Pressure</b> Fixed operating pressure of 110 mmH <sub>2</sub> O.
	SM1-H	<b>Sophy® Mini Monopressure Valve, High Pressure</b> Fixed operating pressure of 170 mmH <sub>2</sub> O.

# Sophy® Mini Monopressure Valve with Reservoir

Sophy® Mini Monopressure Valves are also available with integrated reservoirs, for direct CSF access.



SM1A



SM1B

	Product code	Description
	SM1A-L	<b>Sophy® Mini Monopressure Valve Low Pressure, Antechamber</b> Fixed operating pressure of 50 mmH <sub>2</sub> O. Integrated Antechamber.
	SM1A-M	<b>Sophy® Mini Monopressure Valve Medium Pressure, Antechamber</b> Fixed operating pressure of 110 mmH <sub>2</sub> O. Integrated Antechamber.
	SM1A-H	<b>Sophy® Mini Monopressure Valve High Pressure, Antechamber</b> Fixed operating pressure of 170 mmH <sub>2</sub> O. Integrated Antechamber.
	SM1B-L	<b>Sophy® Mini Monopressure Valve Low Pressure, Burr-Hole Reservoir</b> Fixed operating pressure of 50 mmH <sub>2</sub> O. Integrated Burr-Hole Reservoir.
	SM1B-M	<b>Sophy® Mini Monopressure Valve Medium Pressure, Burr-Hole Reservoir</b> Fixed operating pressure of 110 mmH <sub>2</sub> O. Integrated Burr-Hole Reservoir.
	SM1B-H	<b>Sophy® Mini Monopressure Valve High Pressure, Burr-Hole Reservoir</b> Fixed operating pressure of 170 mmH <sub>2</sub> O. Integrated Burr-Hole Reservoir.

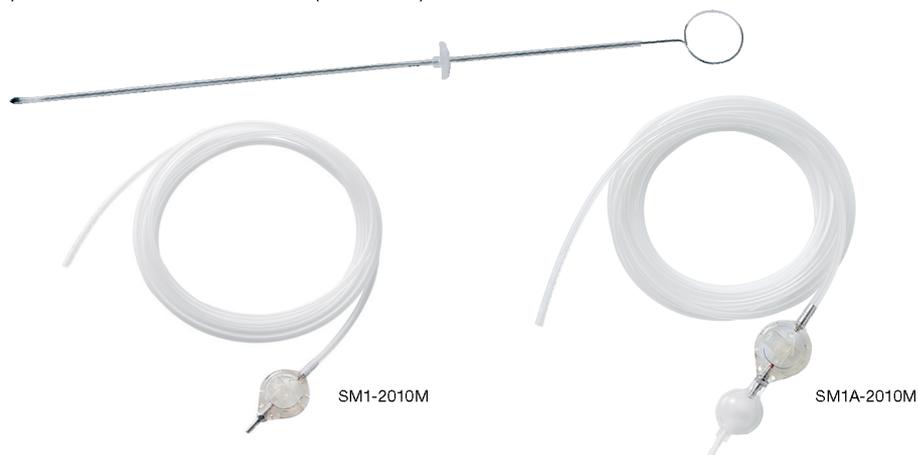
# Monopressure Valves

## Ball-in-cone Valve

### Sophy® Mini Monopressure Valve Kits

Sophy® Mini Monopressure Valves are also available in kits.

Sophy® Mini Monopressure Valve kits include a Sophy® Mini Monopressure Valve, pre-attached distal catheter (B905S), and ventricular catheter (BO19-10).



	Product code	Description
	SM1-2010L	<b>Sophy® Mini Monopressure Low Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 50 mmH <sub>2</sub> O.
	SM1-2010M	<b>Sophy® Mini Monopressure Medium Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 110 mmH <sub>2</sub> O.
	SM1-2010H	<b>Sophy® Mini Monopressure High Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 170 mmH <sub>2</sub> O.
	SM1A-2010L	<b>Sophy® Mini Monopressure SM1A Low Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 50 mmH <sub>2</sub> O. Integrated antichamber.
	SM1A-2010M	<b>Sophy® Mini Monopressure SM1A Medium Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 110 mmH <sub>2</sub> O. Integrated antichamber.
	SM1A-2010H	<b>Sophy® Mini Monopressure SM1A High Pressure Valve Kit B905S/BO19-10</b> Fixed operating pressure level of 170 mmH <sub>2</sub> O. Integrated antichamber.



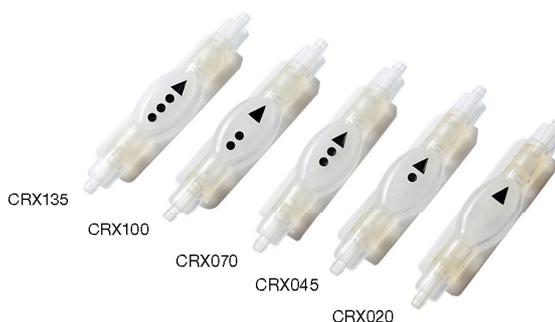
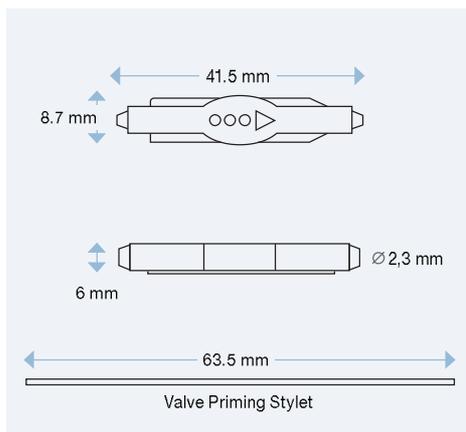
# Monopressure Valves

## Cruciform™ Mechanism Valve

### CRx™ Monopressure Valves

The CRx™ monopressure valve is a silicone Cruciform™ mechanism valve.

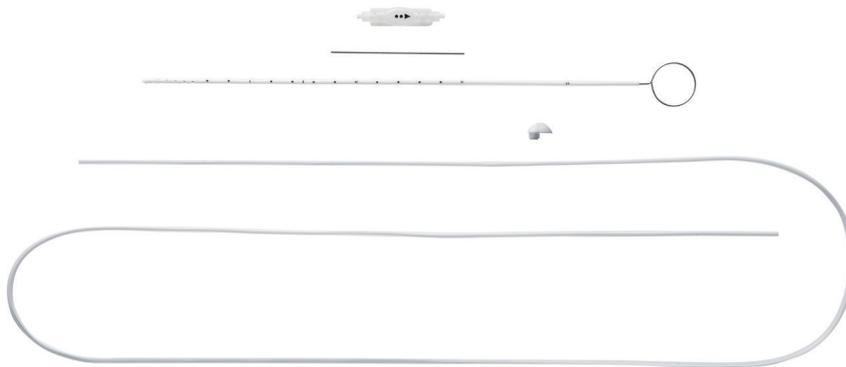
The CRx™ valve is available in 5 operating pressures: 20, 45, 70, 100 and 135 mmH<sub>2</sub>O.



	Product code	Description
	CRX020	<b>CRx™ Valve, Very Low Pressure</b> 20 mmH <sub>2</sub> O fixed operating pressure
	CRX045	<b>CRx™ Valve, Low Pressure</b> 45 mmH <sub>2</sub> O fixed operating pressure
	CRX070	<b>CRx™ Valve, Medium Pressure</b> 70 mmH <sub>2</sub> O fixed operating pressure
	CRX100	<b>CRx™ Valve, Medium/High Pressure</b> 100 mmH <sub>2</sub> O fixed operating pressure
	CRX135	<b>CRx™ Valve, High Pressure</b> 135 mmH <sub>2</sub> O fixed operating pressure

## CRx™ Valve Kits

The CRx™ monopressure valves are also available in kits. The CRx™ valve kits include a CRx™ valve, a 23.5 cm ventricular catheter with its stylet, a right-angle clip and a 120 cm distal catheter.



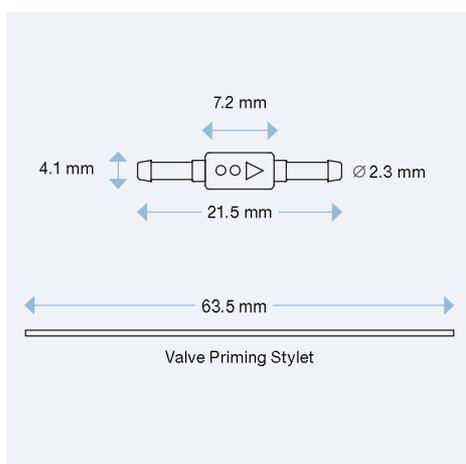
	Product code	Description
	CRXK5	<b>CRx™ Valve Kit, Very Low Pressure</b> 20 mmH <sub>2</sub> O fixed operating pressure
<p>Valve Priming Stylet</p>	CRXK4	<b>CRx™ Valve Kit, Low Pressure</b> 45 mmH <sub>2</sub> O fixed operating pressure
	CRXK3	<b>CRx™ Valve Kit, Medium Pressure</b> 70 mmH <sub>2</sub> O fixed operating pressure
<p>Right-angle Clip</p>	CRXK2	<b>CRx™ Valve Kit, Medium/High Pressure</b> 100 mmH <sub>2</sub> O fixed operating pressure
	CRXK1	<b>CRx™ Valve Kit, High Pressure</b> 135 mmH <sub>2</sub> O fixed operating pressure

# Monopressure Valves

## Cruciform™ Mechanism Valve

### Single Monopressure Valves

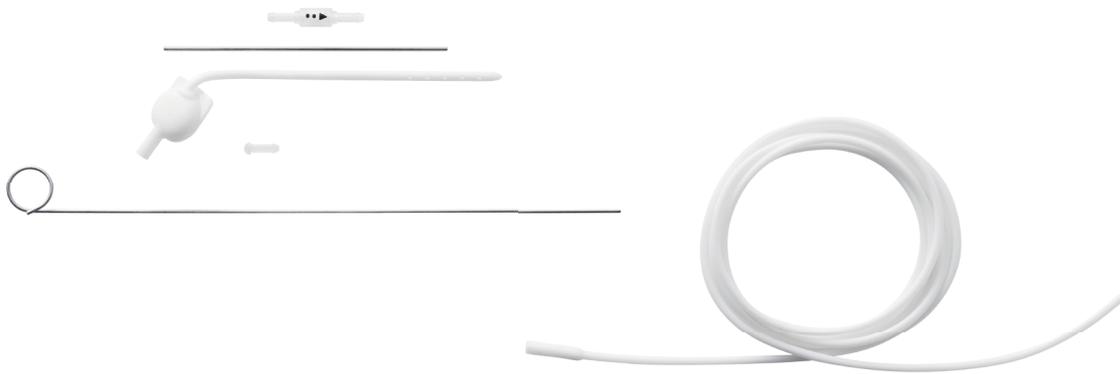
The Single monopressure valve is a silicone Cruciform™ mechanism valve. The Single valve has a really small size and pressure range dedicated to preterm and newborn babies. The Single valve is available in 3 operating pressures: 20, 45 and 70 mmH<sub>2</sub>O.



	Product code	Description
	PV020	<b>Single Valve, Very Low Pressure</b> 20 mmH <sub>2</sub> O fixed operating pressure
	PV045	<b>Single Valve, Low Pressure</b> 45 mmH <sub>2</sub> O fixed operating pressure
	PV070	<b>Single Valve, Medium Pressure</b> 70 mmH <sub>2</sub> O fixed operating pressure

## Single Valve Kits

The Single monopressure valves are also available in kits. The Single valve kits include a Single valve, a right-angle ventricular catheter (intracranial length = 7 cm) with its stylet and a 90 cm distal catheter.



Product code	Description
<p>Valve Priming Stylet</p>	<b>PV020K</b> <b>Single Valve Kit, Very Low Pressure</b> 20 mmH <sub>2</sub> O fixed operating pressure
<p>Ventricular Catheter Stylet</p>	<b>PV045K</b> <b>Single Valve Kit, Low Pressure</b> 45 mmH <sub>2</sub> O fixed operating pressure
<p>Right-angle Clip</p>	<b>PV070K</b> <b>Single Valve Kit, Medium Pressure</b> 70 mmH <sub>2</sub> O fixed operating pressure

# Monopressure Valves

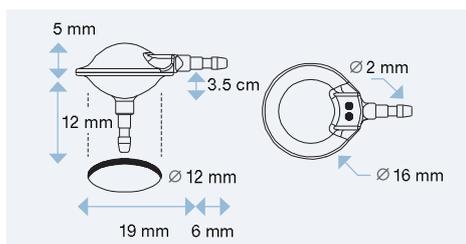
## Membrane Valve

### Pulsar® Monopressure Valves

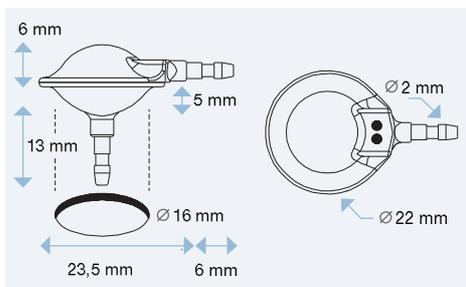
The Pulsar® Valve is a monopressure valve which uses a silicone elastomer membrane calibrated to low, medium or high pressure, protected by a polypropylene guard.

The Pulsar® valve is available in 2 sizes: 12 mm for pediatric use, 16 mm for adult use.

With no metallic component the Pulsar® valve does not cause any artefact during medical imaging.



PLR-12



PLR-16

	Product code	Description
	PLR-12L	<b>Pulsar® valve, 12 mm, Low Pressure</b> Fixed operating pressure level between 10 and 60 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR-12M	<b>Pulsar® valve, 12 mm, Medium Pressure</b> Fixed operating pressure level between 60 and 120 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR-12H	<b>Pulsar® valve, 12 mm, High Pressure</b> Fixed operating pressure level between 120 and 190 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR-16L	<b>Pulsar® valve, 16 mm, Low Pressure</b> Fixed operating pressure level between 10 and 60 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.
	PLR-16M	<b>Pulsar® valve, 16 mm, Medium Pressure</b> Fixed operating pressure level between 60 and 120 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.
	PLR-16H	<b>Pulsar® valve, 16 mm, High Pressure</b> Fixed operating pressure level between 120 and 190 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.

## Pulsar® Kits

Pulsar® Valves are also available in kits. Pulsar® kits include a Pulsar® valve, a separate distal catheter (B905S), and a separate ventricular catheter (BO19-10).



	Product code	Description
	PLR12-1010L	<b>Pulsar® valve 12 mm, Low Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 10 and 60 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR12-1010M	<b>Pulsar® valve 12 mm, Medium Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 60 and 120 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR12-1010H	<b>Pulsar® valve 12 mm, High Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 120 and 190 mmH <sub>2</sub> O. 12 mm Burr-Hole reservoir.
	PLR16-1010L	<b>Pulsar® valve 16 mm, Low Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 10 and 60 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.
	PLR16-1010M	<b>Pulsar® valve 16 mm, Medium Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 60 and 120 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.
	PLR16-1010H	<b>Pulsar® valve 16 mm, High Pressure Kit B905S/BO19-10</b> Fixed operating pressure level between 120 and 190 mmH <sub>2</sub> O. 16 mm Burr-Hole reservoir.