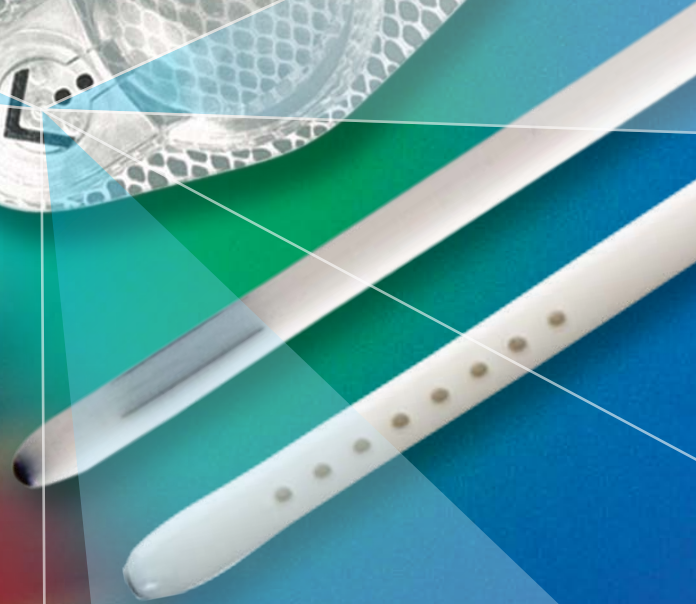




PS Medical® CSF Shunt Kits

EVERYTHING YOU NEED FOR A COMPLETE SHUNT SYSTEM

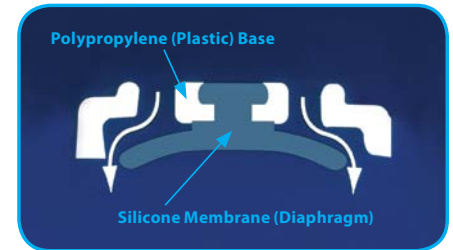


PS Medical[®] CSF Shunt Kits

Kits include all the necessary components for a shunt: a one-way valve, a ventricular catheter, and a peritoneal catheter

Valves

- Available in seven different configurations, including two with the Delta Chamber Siphon Control Device
- Three different pressure levels for each configuration
- Pressure level and flow direction markings viewable on x-ray
- Valve mechanisms are fabricated from dissimilar materials, reducing the possibility of valve sticking
- Silicone reservoir dome allows for injection and CSF sampling
- Polypropylene base minimizes the potential of a needle completely penetrating the valve
- Non-metallic design will not interfere with CT scans or MRI



Polypropylene (plastic) base with silicone membrane (diaphragm)

CSF-Flow Control Valves



Burr Hole

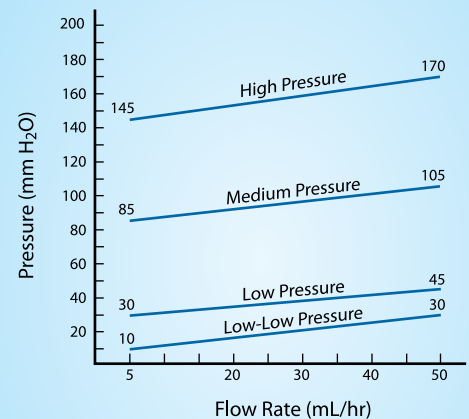


Ultra Small



Contoured Small

Pressure Flow Characteristics of CSF-Flow Control Valves



NOTE: Levels depicted are median values. All valves perform within +/- 25 mm H₂O at 0 cm Hydrostatic Pressure (HP), and within +/- 40 mm H₂O at -50 cm HP, of the median values tested at time of manufacture. Each Delta valve is individually tested at time of manufacture.

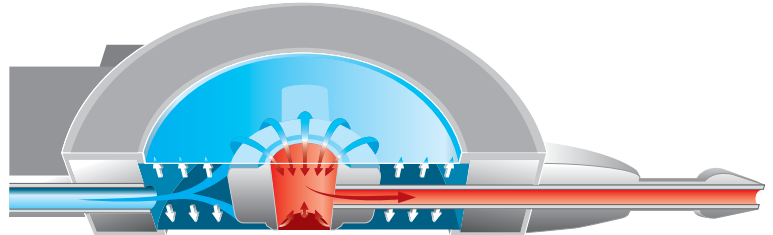
Delta® Valves



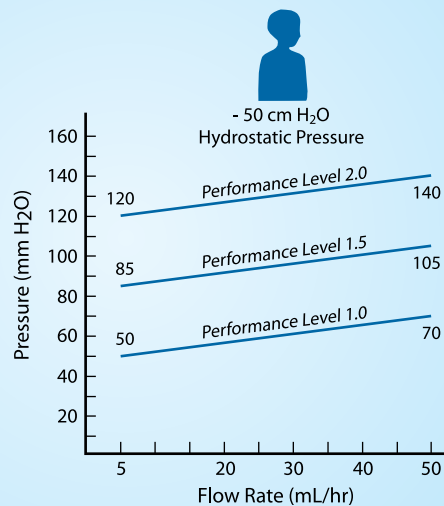
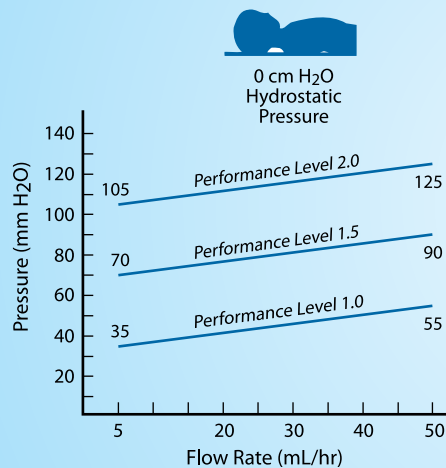
Delta Small

THE DELTA CHAMBER

A siphon control device that allows the patient to maintain intracranial pressure within a normal physiological range, regardless of flow rate or patient posture, by minimizing the effects of negative hydrostatic pressure



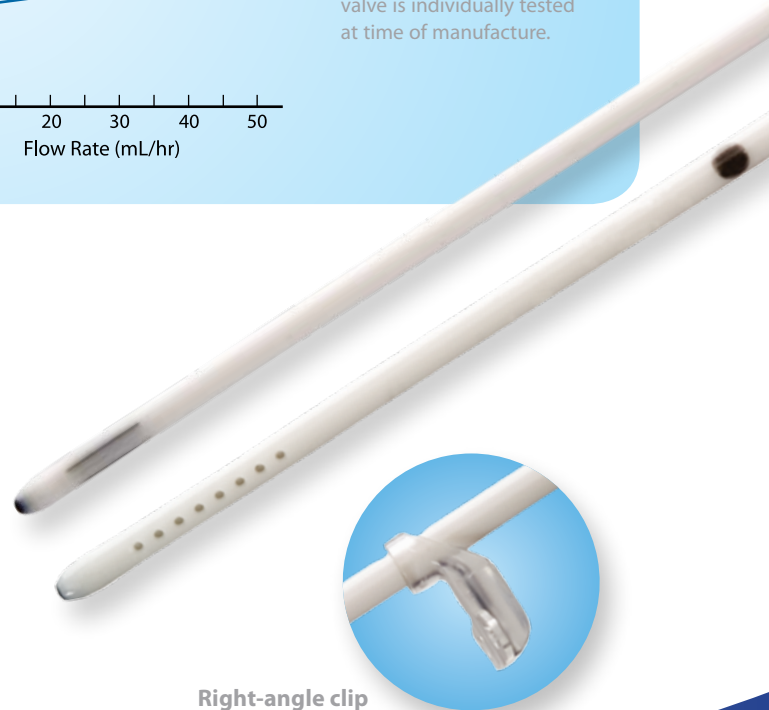
Delta® Valve Performance Levels



NOTE: Levels depicted are median values. All valves perform within +/- 25 mm H₂O at 0 cm Hydrostatic Pressure (HP), and within +/- 40 mm H₂O at -50 cm HP, of the median values tested at time of manufacture. Each Delta valve is individually tested at time of manufacture.

Catheters

- Fabricated from barium-impregnated tubing with tantalum tip to allow for x-ray visualization
- Length markers show depth of penetration during insertion
- Unique patented right angle clip provides a non-kinking bend in the ventricular catheter at the burr hole site

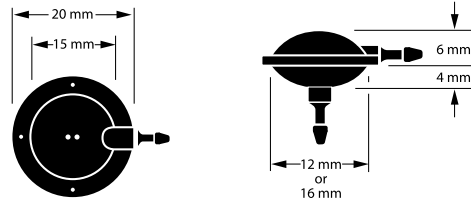
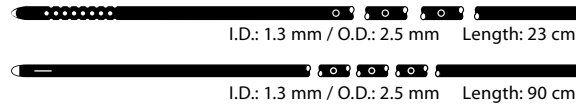


Right-angle clip

Ordering Information

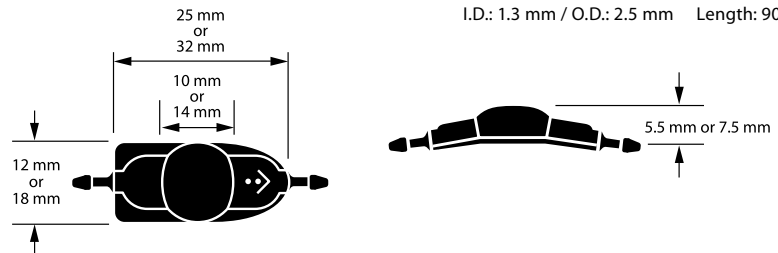
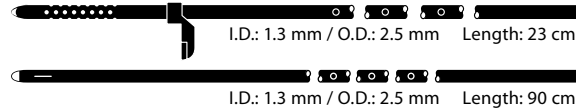
CSF-Flow Control Shunt Kit, Burr Hole

REF No.	Valve Size	Valve Pressure
9040A	12 mm	Low
9040B	12 mm	Medium
9040C	12 mm	High
9040D	16 mm	Low
9040E	16 mm	Medium
9040F	16 mm	High



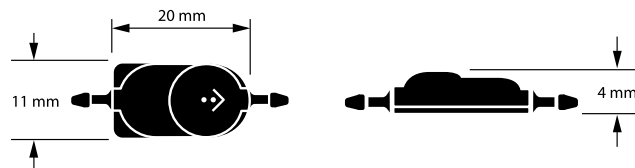
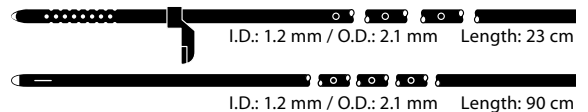
CSF-Flow Control Shunt Kit, Contoured

REF No.	Size	Valve Pressure
9003A	Small	Low
9003B	Small	Medium
9003C	Small	High
9003D	Regular	Low
9003E	Regular	Medium
9003F	Regular	High



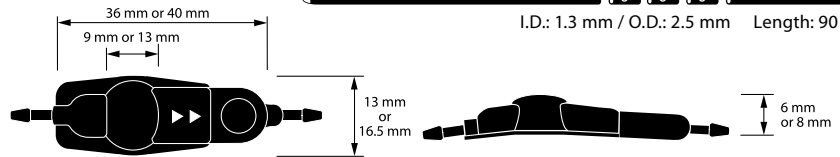
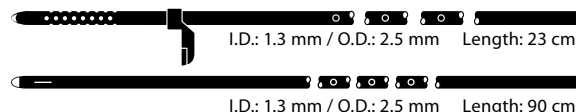
CSF-Flow Control Shunt Kit, Ultra Small

REF No.	Size
22011LL	Low-Low
22011L	Low
22011M	Medium



PS Medical® Delta® Shunt Kit

REF No.	Valve Size	Valve Pressure
25131-1	Small	1
25131-5	Small	1.5
25131-2	Small	2
25132-1	Regular	1
25132-5	Regular	1.5
25132-2	Regular	2



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(901) 344-0645 International
(800) 468-9713 FAX
(901) 396-2698 FAX International

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. Refer to product package insert for instructions, warnings, precautions and complications.

For more information, contact your Medtronic NT sales representative or refer to www.MedtronicNT.com.

International Telephone Numbers

Adriatic Region 385-1-488-1120	Hong Kong 852-2919-1312	Poland 48-22-465-6900
Australia 1800-668-670	Hungary 36-30-5052987	Portugal 351-21-724-51-28
Baltic Region 37-1-67560226	India 91-22-26836733	Russian Fed. 7-495-580-73 77
Belgium 32-2456-09-09	Israel 972-9-972-4400	South Africa 27-11-466-1820
Canada 1800-217-1617	Italy 39-02-24137-324	Spain 34-91-625-05-40
China 86-21-50800998	Japan 81-3-6430-2017	Taiwan 886-2-2183-6000
Czech Republic 420-2-9657-9580	Korea 82-2-3404-3600	UK 44-1923-205-168
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