

Marvelous™ Stopcock (MRVLS)



A closed-swabbable stopcock with a proprietary flow channel feature specifically designed for IV administration and pressure monitoring applications, assuring minimal residual volume.

The Marvelous™ allows your customers to continuously flush drugs and blood residuals, without the need to expose the system to the open air, with minimal manual steps, and with maximal compliance to best practices.

Elcam's Marvelous™ is part of our E-Safe™ product family, specially developed in order to provide our customers with a range of solutions to minimize stopcock contaminations and enhance patient safety.

Elcam Medical's Marvelous™ stopcock –
an excellent choice for both monitoring and IV procedures.

The Marvelous™ carries many advantages for both IV and Monitoring applications:

Safety

- **Reduced bacterial and air ingress** – maintains a closed system at all times
- **Reduced dead space** – assures flushing with minimal residual volume. Whether a drug or blood, the internal volume is constantly flushed by the in-line flow providing greater protection against blood clotting and bacterial colonization

Efficient pressure monitoring

- **Allows priming in a closed system**
- **Assures pressure monitoring without signal damping**

Facilitated blood sampling

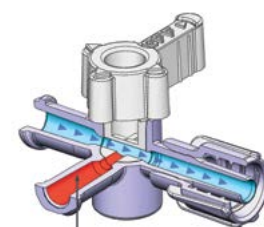
- Enables blood sampling with the benefits of a **closed system** and **in-line flushing** with **minimal residual volume**

Ease of use

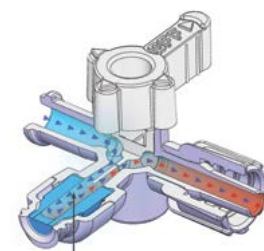
- **Saving your customer time and money** – simply swab and use! No need for using cannulas, needles or caps
- **Shortens flushing time** – facilitated by constant in-line flushing
- **Universal** – the Marvelous's ports are compatible with all common used luers

Property	Standard Marvelous (3mm Tube ID)	Standard Marvelous (5.5mm Tube ID)	Large Bore Marvelous (3mm Tube ID)	Large Bore Marvelous (5.5mm Tube ID)
Flow ¹ rate in 'All open' position (Flushing Mode)	120 ml/min	130 ml/min	190 ml/min	370 ml/min
Flow ¹ rate in closed side port position (Monitoring Mode)	60 ml/min	60 ml/min	110 ml/min	115 ml/min
Flow ¹ rate from side port to male Luer (Sampling Mode)	221 ml/min	233 ml/min	343 ml/min	478 ml/min
Side port volume	0.090 ml		0.092 ml	

¹ Flow was measured under 75 mmHg pressure / 1 meter water pressure



Trapped fluid or air in side port



Constant flushing of the side port

Physical Properties

- Lipid Resistant
- Not made with latex
- Non-hemolytic

Configuration options

- 1 Valve or 2 valves
- Handles: One arm or 3 arm
- Different Handle colors
- High Flow or Standard Flow
- With or without Luer Lock
- Manifold
- With tube assembly

The Marvelous™
is 510(k) cleared



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