

**Waveform  
accuracy.  
Pressure  
monitoring  
reliability.**

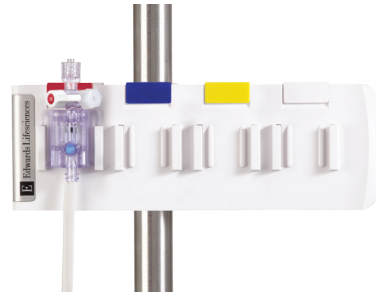


**TruWave Disposable Pressure Transducers**



**Edwards**

# TruWave disposable pressure transducers: Accurate and safe pressure monitoring.



Single TruWave disposable pressure transducer with 3 cc flush device and IV set; tubing length and color options available



Two TruWave disposable pressure transducers with 3 cc flush device and bifurcated IV set; tubing length and color options available



Three TruWave disposable pressure transducers with 3 cc flush device and trifurcated IV set; tubing length and color options available

Edwards Lifesciences TruWave disposable pressure transducers offer advanced design features to ensure waveform accuracy and pressure monitoring reliability.

- Design features a straight fluid path across the pressure sensor for easy priming and minimal waveform distortion
- Available with or without a Snap-Tab flush device that can be easily gripped and stretched 360° to quickly and easily flush the system and generate a square-wave test pattern
- Fluid-resistant connector
- Gold-plated connector wires for high-fidelity signal transmission

## Accuracy for your patients.

Standard TruWave pressure monitoring kits are sterile, single-use kits that relay blood pressure information from a pressure monitoring catheter to a patient monitoring system.

### Adult transducers

TruWave transducer kits can be paired with Edwards' VAMP (venous arterial blood management and protection) system for a single safe, reliable and accurate monitoring solution.

- Available in multiple configurations to meet your clinical needs
- Design features a straight fluid path across the pressure sensor for easy priming and minimal waveform distortion
- Gold-plated connector wires for high-fidelity signal transfer
- Snap-Tab flush device designed for easy priming and square-wave testing

### Pediatric transducers

Pediatric TruWave transducers can be paired with Edwards' VAMP Jr. system for a single safe, reliable and accurate monitoring solution.

- Available in multiple configurations to meet your clinical needs
- Design features a straight fluid path across the pressure sensor for easy priming and minimal waveform distortion

### Flushless transducers

TruWave flushless disposable pressure monitoring transducers are designed for intracranial pressure monitoring.



Single TruWave disposable pressure transducer, 30 cc flush device (to be used with a mechanical infusion pump); tubing length options available

Single TruWave disposable pressure transducer without a flush

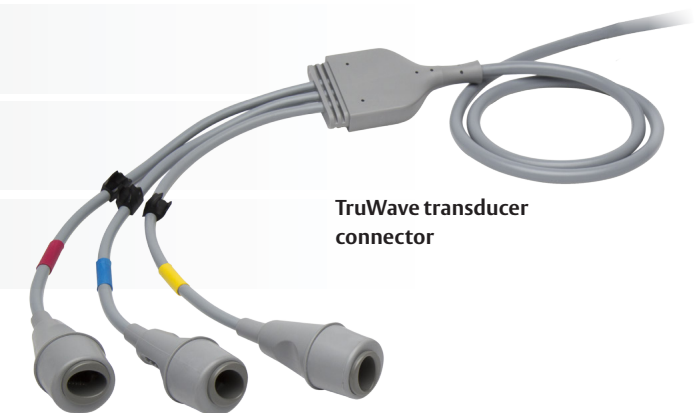
## Connections without the confusion.

TruWave transducer multi-channel cables feature a streamlined design to reduce clutter and confusion. Available in single, bifurcated (2-in-1) and trifurcated (3-in-1) forms with color-coded ends to simplify set-up.

Protective sheath and internal O-ring provide moisture-resistant connections

Ergonomic connectors and streamlined sheath for easy set-up

Compatible with a wide range of bedside monitors



TruWave transducer connector

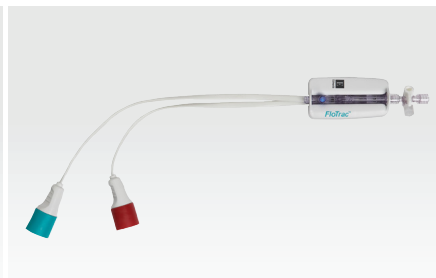
## A closed system designed for compatibility.

TruWave disposable pressure transducers can be paired with Edwards' VAMP systems to create a single integrated pressure monitoring and closed blood sampling system. TruWave transducers are compatible with Edwards' hemodynamic monitoring solutions, allowing a choice of appropriate monitoring tools for varying levels of clinical complexity.



### VAMP System (Venous Arterial Blood Management and Protection)

Safe, simple and reliable closed blood sampling for effective patient blood management.<sup>1,2</sup> VAMP systems can be used with TruWave transducers.



### FloTrac System\*

Chosen by clinicians more than any other minimally-invasive volume management solution to manage over 2.5 million patients worldwide.<sup>3</sup>

\*When used with a compatible Edwards monitor



### Next-Generation TruClip Holder

A proficient solution to your clinical workflow in pressure monitoring. Can be used across the continuum of care from the OR into the ICU.

## TruWave Disposable Pressure Transducers specifications\*\*

Operating Pressure Range	-50 to +300 mm Hg
Operating Temperature Range	15° to 40°C
Storage Temperature Range	-25° to +70°C
Sensitivity	5.0µ V/V/mm Hg ± 1%
Nonlinearity and Hysteresis	± 1.5% of reading or ± 1 mm Hg, whichever is greater
Excitation Impedance	350 ohms ± 10% with Edwards monitor cable attached
Signal Impedance	300 ± 5%
Zero Offset	≤ ± 25 mm Hg
Zero Thermal Drift	≤ ± 0.3 mm Hg/°C
Output Drift	± 1 mm Hg per 8 hours after 20 second warm-up
Sensitivity Thermal Drift	≤ ± 0.1%/°C
Natural Frequency	40 Hz nominal for a standard kit (48"/12"); > 200 Hz for transducer alone
Leakage Current	<2µ amps at 120V RMS 60 Hz
Overpressure Tolerance	-500 to +5000 mm Hg
Flow rate across flush device with IV bag pressurized to 300 mm Hg	<ul style="list-style-type: none"> <li>• Blue Snap-Tab 3±1 mL/hr</li> <li>• Yellow Snap-Tab 30±10 mL/hr</li> </ul>

Other kits may be available. Contact your Edwards sales representative for specific model numbers and additional configurations.

\*\* At 6.00VDC and 25°C unless otherwise stated. All specifications meet or exceed the AAMI Standard for performance interchangeability of resistance bridge type blood transducers.

**For over 40 years, Edwards Lifesciences has been helping you make proactive clinical decisions to advance the care of surgical and critical care patients.**

Through ongoing collaboration with you, ongoing education and our never-ending quest for advancement, Edwards develops solutions that provide the clarity to make proactive clinical decisions.

**Know more.** Visit [Edwards.com/TruWave](http://Edwards.com/TruWave)

1. Tang, M., et al., Closed Blood Conservation Device for Reducing Catheter-Related Infections in Children After Cardiac Surgery. Critical Care Nurse, 2014. 34(5): p.53-61.  
2. Mahdy, S., et al., Evaluation of a blood conservation strategy in the intensive care unit: a prospective, randomised study. Middle East J Anesthesiol, 2009. 20(2): p. 219-23.  
3. Data on file.

**For professional use. CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.**

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