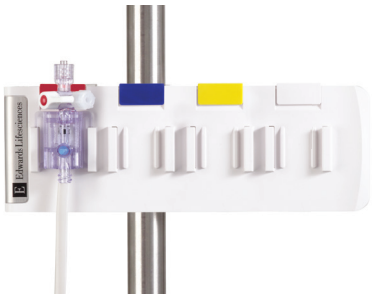
Waveform accuracy. Pressure monitoring reliability.

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

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

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

Single TruWave disposable pressure transducer without a flush

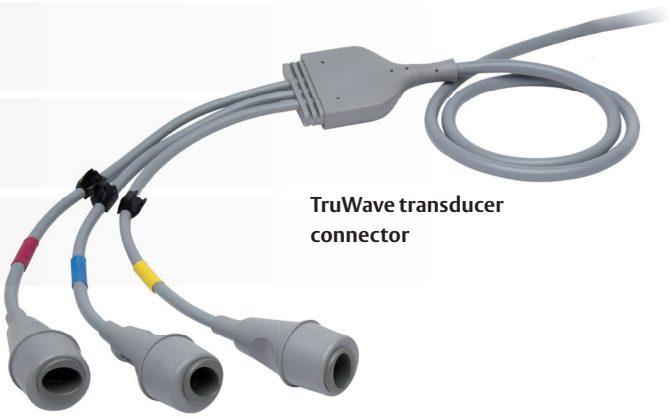
Connections without the confusion.

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

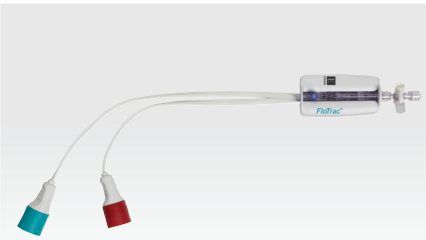


TruWave transducer connector

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.[1,2] 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.[3]

* 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	• Blue Snap-Tab 3±1 mL/hr • Yellow Snap-Tab 30±10 mL/hr

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

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. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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