



# Accuracy For You and Your Patients

**Edwards TruWave Disposable Pressure Transducer  
featuring Edwards VAMP Kits  
(Venous Arterial blood Management Protection system)**



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LIFESCIENCES

## TruWave Disposable Pressure Transducer



## Easy and Convenient

The ease of using the TruWave disposable pressure transducer (DPT) is immediately apparent from the ergonomic design that fits your hand, to the cable connector that has been designed to connect and disconnect easily. The unique flow-through design provides an unimpeded fluid path for easy filling of the system. The protective connector sheath is water resistant and connects without pins. The test port minimizes troubleshooting by testing both the monitoring cables and disposable pressure transducer.

## Accurate

The backside test port lets you verify the accuracy of the system quickly and easily. The convenient Snap-Tab flush device, designed for a sure grip, can be pulled from any direction, 360°, to flush your system and will generate a square-wave test pattern. With greater Snap-Tab sensitivity, you "feel" how fast you're flushing the system.

E A S Y

C O N V E N I E N T

## VAMP System



Cannula



VAMP Reservoir



Z-site Sampling Port

## Complete

TruWave disposable pressure transducers can be paired with VAMP kits (Venous Arterial blood Management Protection system) for a complete and reliable closed, needle-less blood sampling system with accurate pressure readings in one complimentary unit. The blunt cannula design provides safety by eliminating the needlesticks associated with blood sampling. The patented system reservoir and shut-off valve are uniquely designed to conserve blood and ensure consistent blood sampling. The Z-site sampling port greatly reduces residual blood build-up for collection of undiluted blood samples while the self-sealing mechanism replaces stopcocks. We're dedicated to providing safe and convenient blood sampling for your patients.



**Snap-Tab  
Flush Device**



**Test Port**



**Connector**

## 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 ± 1mm 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

\*\*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.

**A C C U R A T E**

**C O M P L E T E**

### VAMP Adult System



The original VAMP system includes a 5 cc reservoir for safe and convenient blood sampling in environments where close proximity to the patient is desired (e.g. ICU, PACU, etc.).

### VAMP Plus System



The VAMP Plus system provides the proven safety, convenience, and patient protection of the original VAMP adult system, with the additional benefits of a one-handed, 12 cc reservoir. The larger reservoir allows ample clearing volume and two sample sites for use in the operating room (remote sampling).

### VAMP Jr. System



The VAMP Jr. system is the blood sampling system designed specifically for pediatric and neonatal patients. This closed system ensures greater protection against blood loss - a critically important issue for tiny patients.

## TruWave Disposable Pressure Transducer (DPT) Standard Kits

Packaged 10 per case

TruWave DPT PX600F with flush device, IV set (macro drip), 12" pressure tubing, and two 3-way stopcocks	PX212
TruWave DPT PX600F with flush device, IV set (macro drip), 48" and 12" pressure tubing, and two 3-way stopcocks	PX260
TruWave DPT PX600F with flush device, IV set (macro drip), 60" and 12" pressure tubing, and two 3-way stopcocks	PX272
TruWave DPT PX600F with flush device, IV set (macro drip), 72" and 12" pressure tubing, and one 3-way stopcock	PX284
TruWave DPT PX600F with pressure selection stopcocks, two flush devices, bifurcated IV set (macro drip), two sets of 48" and 12" pressure tubing, and three 3-way stopcocks	PX1X2
Two TruWave PX600F DPTs with two flush devices, bifurcated IV set (macro drip), two sets of 48" and 12" pressure tubing, and four 3-way stopcocks	PX2X2
Two TruWave PX600F DPTs with pressure selection stopcocks, three flush devices, trifurcated IV set (macro drip), three sets of 48" and 12" pressure tubing, and five 3-way stopcocks	PX2X3
Three TruWave PX600F DPTs with three flush devices, trifurcated IV set (macro drip), three sets of 48" and 12" pressure tubing, and six 3-way stopcocks	PX3X3

## TruWave Disposable Pressure Transducers (DPT)

Packaged 20 per case

TruWave DPT (single packaged) with bonded 1-way shutoff stopcock	PX600
TruWave DPT with 3cc flush device with vent stopcock	PX600F
TruWave DPT with 30cc flush device with vent stopcock	PX600F30
TruWave DPT with 4-foot cable	PX604
TruWave DPT with bonded 1-way shutoff stopcock with vent stopcock	PX600I

## TruWave Neonatal/Pediatric Disposable Pressure Transducer (DPT)

Packaged 10 per case

TruWave DPT with 30cc flush device, 12" pediatric tubing, and two 3-way stopcocks	PX12N
TruWave DPT with 30cc flush device, 24" pediatric tubing, and two 3-way stopcocks	PX24N
TruWave DPT with 30cc flush device, 36" pediatric tubing, and two 3-way stopcocks	PX36N

## VAMP Adult System /TruWave Disposable Pressure Transducer (DPT) Combination Kits

20" VAMP System with Arm-mount Reservoir	PXVMP120
60" VAMP System with Arm-mount Reservoir	PXVMP160
72" VAMP System with Arm-mount Reservoir	PXVMP172
84" VAMP System with Arm-mount Reservoir	PXVMP184
60" VAMP System with Pole-mount Reservoir	PXVMP260
72" VAMP System with Pole-mount Reservoir	PXVMP272
84" VAMP System with Pole-mount Reservoir	PXVMP284
60" VAMP System with Arm-mount Reservoir on the arterial line with two TruWave Transducers and bifurcated IV set (macro drip)	PXVMP2X21
60" VAMP System with Pole-mount Reservoir on the arterial line with two TruWave Transducers and bifurcated IV set (macro drip).	PXVMP2X22

## VAMP Jr. System /TruWave Disposable Pressure Transducer (DPT) Combination Kits

30cc TruWave DPT with 2" proximal, 4" distal VAMP Jr. for neonatal application	VMP306PX
3cc TruWave DPT with 3" proximal, 3" distal VAMP Jr. for pediatric application	VMP406PX
3cc TruWave DPT with 10" proximal, 16" distal VAMP Jr. for pediatric application	VMP426PX
3cc TruWave DPT with 19" proximal, 29" distal VAMP Jr. for pediatric application	VMP448PX

## VAMP System Accessories

Needleless cannula	VMP400
3-cc heparinized ABG Syringe with needleless cannula	VMP503H
Blood Transfer Unit (BTU) for sample transfer to vacuum tubes	VMP600
Direct Draw Unit for direct line blood sampling	VMP700

Please contact your local sales representative for additional kit information and model numbers.

Rx only. See package inserts for full prescribing information.

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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## VAMP Plus System /TruWave Disposable Pressure Transducer (DPT) Combination Kits

VAMP Plus reservoir/TruWave DPT combination kit with 60" patient tubing and two sample sites located 13" and 55" from the patient; pole mountable	PXVP2260
VAMP Plus reservoir/TruWave DPT combination kit with three TruWave transducers, 60" patient tubing and two sample sites located 13" and 55" from the patient; pole mountable	PXVP23X3



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