

# Confidence when you need it most

Philips TRANSPAC® 4 Disposable Pressure Transducer Kits and  
SAFESET™ Closed Blood Sampling / Conservation System

**PHILIPS**  
sense and simplicity

# Solutions you can count



on



When time is of the essence and the stakes are high, there's no room to wonder about the reliability or efficacy of your supplies. Philips TRANSPAC® 4 Disposable Pressure Transducers and SAFESET™ Closed Blood Sampling / Conservation System give you the peace of mind you need to enhance patient care, backed by a trusted and recognizable name known for quality. Available individually or packaged in a wide variety of kit configurations to suit the needs of various clinical settings, our products help you focus on what's important — providing quality care to those who need it the most.

#### **A pressure transducer you can trust**

Philips TRANSPAC 4 Disposable Pressure Transducer kits provide you with the important hemodynamic and cardiovascular data you need to care for your critically ill patients. Configured for optimal dynamic response, TRANSPAC 4 is clinically proven, designed for accuracy and validated to work with Philips monitors and instruments, giving you dependable results and peace of mind.

#### **A sampling and conservation system that protects you both**

Designed with both clinician and patient safety in mind, Philips SAFESET Blood Sampling / Conservation System offers a closed system for blood sampling that is both convenient and intuitive, since it samples directly from the pressure-monitoring line. The result reduces blood waste and increases the efficiency of sampling, all while protecting the patient's blood from IV-line contamination and limiting the clinician's exposure to blood borne pathogens. When used in conjunction with Philips TRANSPAC 4, SAFESET is engineered to optimize dynamic response to provide high waveform accuracy.

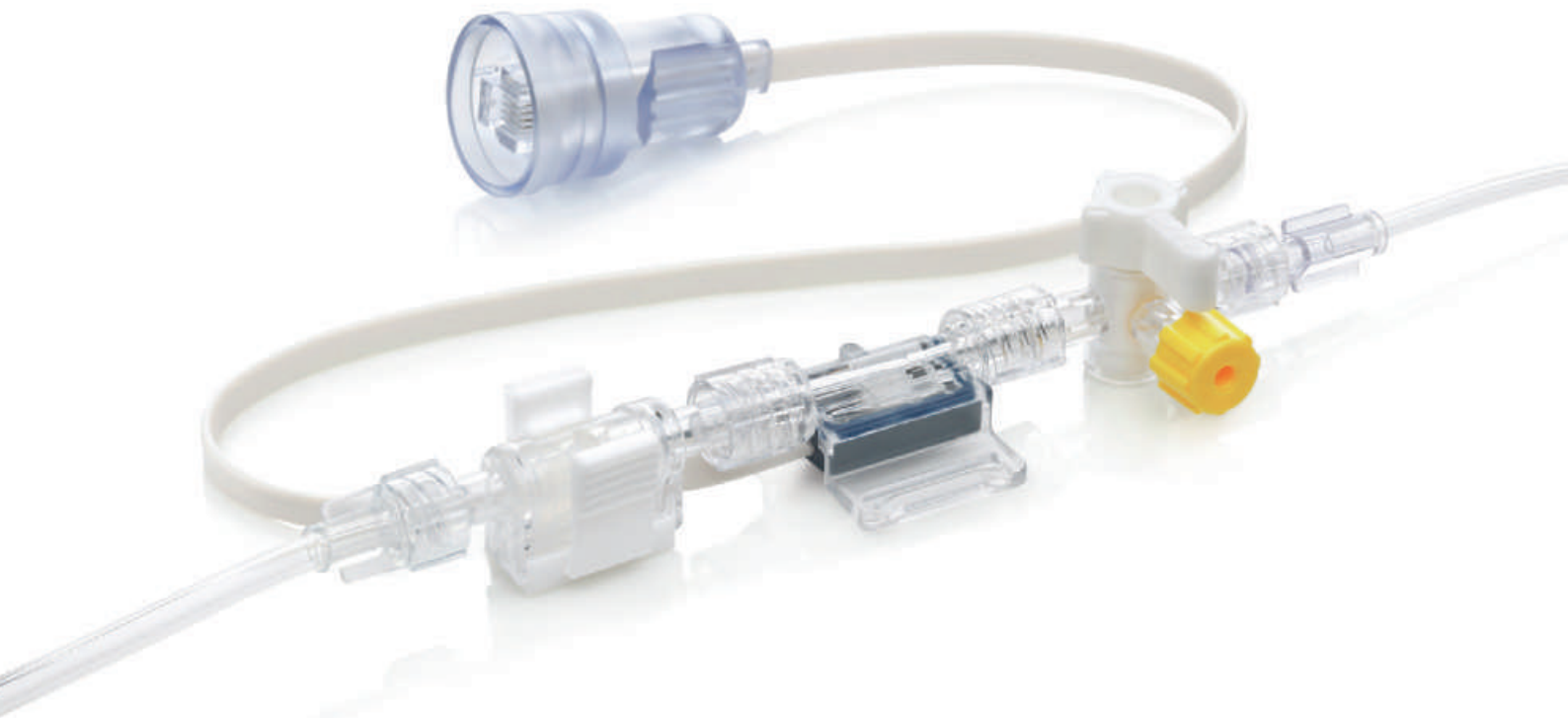
#### **Efficient and easy to use**

With multiple convenience features and a disposable kit format, Philips TRANSPAC 4 and Philips SAFESET provide reliable information yet are quick to implement, streamlining workflow while helping safeguard both patient and clinician.

# Philips TRANSPAC 4 Disposable Pressure Transducers

Engineered with reliability and simplicity in mind, Philips TRANSPAC 4 Disposable Pressure Transducer kits are designed to provide accuracy and versatility in a convenient package:

- Direct real-time monitoring of hemodynamic and cardiovascular data.
- Validated to work with Philips' trusted portfolio of monitors and instruments.
- A trusted and familiar solution with a proven record of dependability in clinical settings.
- Designed to work with Philips SAFESET Blood Sampling / Conservation System.
- Multiple kitted options offer convenience for treating patients in a variety of clinical settings.
- Disposable format reduces risk of cross-contamination.





# Accurate and reliable



100% factory-tested, laser-trimmed silicon chips meet IEC 60601-2-34 requirements, and exceed ANSI/AAMI/BP-22 requirements for accuracy.



Features a one-handed ergonomic continuous-flush device.

Straight, clear fluid path facilitates set-up and priming with minimal waveform distortion.



Patient or pole-mounting options offer flexibility for a variety of clinical situations.



- Telephone-jack style cable connector is simple to use and highly reliable, with no pins.

- An audible click confirms the integrity of the connection to the transducer adapter cable.

- Clear moisture-resistant connector boot helps protect cable connection.

Gold-plated cable adaptor pins help facilitate repeatable high-quality signal transmission to the monitor.



An optional trifurcated transducer cable is also available to help reduce clutter.



## Multiple configurations to choose from

- Adult and neonatal/pediatric
- Various single, double, or triple-line options
- A range of pressure cables to suit a variety of bedside monitor brands in addition to Philips
- Color-coded tubing options allow for continuous confirmation of which pressure is used

## Available safety enhancements

- Philips SAFESET Closed Blood Sampling / Conservation System

## Product Specifications

- Operating Pressure: -50 to 300 mm Hg
- Overpressure Limits: -400 to 5000 mm Hg
- Various single, double, and triple-line options
- Sensitivity: 5 microvolt/Volt/mm Hg  $\pm$  1% @ 6.0 VDC and 22C°
- Zero Offset: <25 mm Hg
- Zero Drift: <2 mm Hg in 8 hours
- Input Impedance: 300-350 ohms
- Exceeds ANSI/AAMI/BP-22 Requirements for Accuracy
- Meets IEC 60601-2-34 requirements

# Philips SAFESET Blood Sampling / Conservation System

When frequent blood sampling is required, minimizing the risk associated with blood management is key. Philips SAFESET Blood Sampling / Conservation System is a closed, in-line needle-free system that protects both the patient and the clinician, giving easy access to samples while maximizing efficiency.

- Convenient closed, in-line blood withdrawal directly via pressure-monitoring line increases efficiency of the blood sampling process.
- Protects patient's blood from IV-line contamination and limits clinician exposure to blood-borne pathogens.
- Discard or clearing volume can be reinfused, limiting blood waste and helping to reduce blood transfusions due to phlebotomy.
- Multiple kitted options offer convenience for treating patients in a variety of clinical settings.
- Engineered to provide optimal dynamic response when used with Philips TRANSPAC 4 pressure-monitoring kit.
- Disposable format helps reduce risk of cross-contamination and streamlines workflow.



# Simple and efficient

Encapsulated internal sheath guards against touch contamination.

Hard exterior reservoir protects internal sheath from removal and tearing.

Locking mechanism provides added safety and safeguards functionality when monitoring.

Large 12-cc reservoir provides adequate clearing volume for operatory procedures.



In-line reservoir provides a straight fluid path to minimize turbulence and maintain high waveform accuracy, and adds convenience for both drawing blood and flushing the system afterwards.



- Luer-activated stopcock may be accessed with any luer-tipped device, reducing the need for a blunt cannula.
- Luer-activated stopcock continually flushes residual volume.
- Novel flushing technology minimizes residual blood build-up and keeps air bubbles from accumulating in the port, helping to reduce the risk of line contamination and eliminating the additional steps needed when priming and flushing a traditional swabbable valve — all with no impact on dynamic response.

## Multiple configurations to choose from

- Various single, double, or triple-line options
- Available standalone or with Philips TRANSPAC 4 pressure-monitoring kits
- Two sampling port options include a pre-pierced cannula access port or a swabbable valve with a novel luer-locking thread.

## Product Specifications

- Pressure tubing: Internal volume, .055 mL/in
- Reservoir: Adult, 12 mL (graduated to 10 mL);
- Without Latex Components: Yes

## TRANSPAC 4 Disposable Pressure Transducer Kits

Part Number	Description	Stopcocks	Primary Tubing Length	Extension Tubing Length	Flush Device	Drip Chamber	Box Qty
989803177901	Single DPT TP4 60" (152cm) Red Dash Tubing	Two 3-way	48" (122cm)	12" (31cm)	3ml/hr, Squeeze	Macro drip	20
989803179721	Single DPT TP4 84" (213cm) Red Dash Tubing	Two 3-way	72" (183cm)	12" (31cm)	3ml/hr, Squeeze	Macro drip	20
989803179771	Single DPT TP4 72" (183cm) Red Dash Tubing	Two 3-way	60" (152cm)	12" (31cm)	3ml/hr, Squeeze	Macro drip	20
989803179871	Single DPT TP4 9" (23cm) Patient Mount	One 3-way	9" (23cm)	N/A	3ml/hr, Squeeze	Macro drip	20
989803181141	Single DPT TP4 24" (61cm) Compartmental Pressure	One 4-way, One 3-way	24" (61cm)	-	-	-	20
989803177911	Dual DPT TP4 72" (183cm), Red/Blue Dash Tubing	Four 3-way	60" (152cm)	12" (31cm)	Two 3ml/hr, Squeeze	Macro drip	10
989803179731	Triple DPT TP4 60" (152cm), Red/Blue/Yellow Dash Tubing	Six 3-way	48" (122cm)	12" (31cm)	Three 3ml/hr, Squeeze	Macro drip	10

## Neonatal Kits

Part Number	Description	Stopcocks	Primary Tubing Length	Extension Tubing Length	Flush Device	Drip Chamber	Box Qty
989803179841	Single Neonatal DPT TP4 24" (61cm)	Two 3-way LRP	24" (61cm)	-	30ml/hr, Squeeze	-	20
989803179851	Single Neonatal DPT TP4 12" (31cm)	Three 3-way LRP	12" (31cm)	-	30ml/hr, Squeeze	-	20
989803179881	Single Neonatal DPT TP4 18" (46cm) w/ One In-Line Luer Sampling Port & 10 ml, In-Line Reservoir	Three 3-way LRP	18" (46cm)	-	30ml/hr, Squeeze	-	20

## TRANSPAC 4 Disposable Pressure Transducer Kits with SAFESET Blood Sampling/Conservation System

Part Number	Description	Box Qty
989803179741	Single DPT TP4 84" (213cm) w/ SAFESET, 2 Cannula Sampling Ports, In-Line Reservoir	20
989803179751	Single DPT TP4 84" (213cm) w/ SAFESET, 2 Luer Sampling Ports, In-Line Reservoir	20
989803179761	Single DPT TP4 60" (152cm) w/ SAFESET, 1 Cannula Sampling Port, In-Line Reservoir	20
989803179781	Single DPT TP4 60" (152cm) w/ SAFESET, 2 Cannula Sampling Ports, In-Line Reservoir	20
989803179791	Single DPT TP4 60" (152cm) w/ SAFESET, 2 Luer Sampling Ports, In-Line Reservoir	20
989803179861	Single DPT TP4 24" (61cm) w/ SAFESET, Patient Mount, 1 Cannula Sampling Port, In-Line Reservoir	20
989803179801	Dual DPT TP4 84" (213cm) w/ SAFESET, (Red/Blue Dash Tubing), 2 Cannula Sampling Ports, In-Line Reservoir	10
989803179811	Dual DPT TP4 84" (213cm) w/ SAFESET, (Red/Blue Dash Tubing), 2 Luer Sampling Ports, In-Line Reservoir	10
989803179821	Triple DPT TP4 84" (213cm) w/ SAFESET, (Red/Blue/Yellow Dash Tubing), 2 Cannula Sampling Ports, In-Line Reservoir	10
989803179831	Triple DPT TP4 84" (213cm) w/ SAFESET, (Red/Blue/Yellow Dash Tubing), 2 Luer Sampling Ports, In-Line Reservoir	10

## SAFESET Blood Sampling/Conservation System

Part Number	Description	Box Qty
989803180851	SAFESET Kit w/ 60" (152cm) Tubing, One In-line Cannula Sampling Ports & 10ml In-Line Reservoir	20
989803179891	SAFESET Kit w/ 84" (213cm) Tubing, Two In-line Cannula Sampling Ports & 10ml In-Line Reservoir	20

## Transducer Cables and Accessories

Part Number	Description	Box Qty
989803177921	Reusable TRANSPAC 4 Cable for Philips Monitors 10ft (3m)	1
989803179941	Reusable TRANSPAC 4 Cable for Philips Monitors 15ft (4.5m)	1
989803179951	Reusable TRANSPAC 4 Cable for Philips Monitors 15ft (4.5m), Bulk Package	20
989803179961	Reusable TRANSPAC 4 Trifurcated Cable for Philips Monitors 15ft (4.5m)	1
989803177931	3-Position Transducer Mount, Reusable	28
989803177941	Transducer Holder for IV Pole, Reusable	5
989803179911	Single Transducer Mount, Reusable	30
989803179901	SAFESET Mounting Bracket, Reusable	30
989803179921	SAFESET Shielded Blunt Cannula	50
989803179931	SAFESET Shielded Blunt Cannula w/ Blood Tube Holder	25
989803180861	Transducer Simulator	1

Other reusable TRANSPAC 4 cables for non-Philips monitors are available — call your local Philips sales representative for more information.

Please visit [www.philips.com/medicalsups](http://www.philips.com/medicalsups) or call your local representative.



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