

FMT

Medical Sensors, Cables and Accessories



EN ISO
9001:2008 / 13485:2003

CE 1984

Disposable PRESSURE TRANSDUCER

REV.03 08.07.2015
YMC EDITION



DISPOSABLE PRESSURE TRANSDUCER



- Consistent and accurate readings during blood pressure monitoring.
- High durometer pressure tubing ensures optimal dynamic response.
- The convenient snap-tab flush device designed for easy priming and square-wave testing.
- Multiple Standard Configurations, Adult and neonatal/pediatric.
- Components that simplify setup.
- The transducer can easily be mounted on either the patient bed or IV pole.
- Fully integrated flow-through component design simplifies filling and debubbling.
- Versatile, dual function snap tab allows dynamic response testing.
- Superior fluid path visualization.
- 3cc or 30cc per hour flow rates with dual function flush device.
- Administration sets are pre-connected to the IBP Transducer sets are sterile and individually packaged.

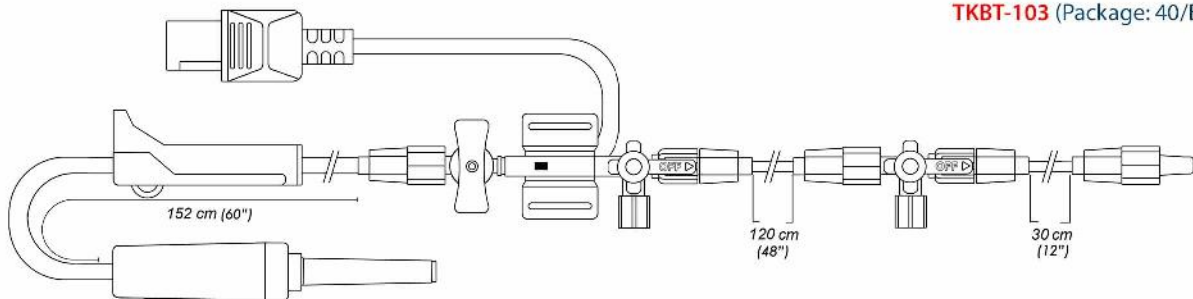
Technical Specifications

Parameter		Value		Units	Notes
		Min.	Nom.		
Electrical	Operating Pressure Range	-50		300	mmHg
	Overpressure (Tolerance/Protection)	-400		4000	mmHg
	Zero Pressure Output / Offsets	-20		20	mmHg
	Input Impedance	1200		3200	Ω
	Output Impedance	285		315	Ω
	Supply (Excitation) Voltage & Frequency	2	6	10	VDC; or VAC RMS to 5kHz
	Leakage(Risk) Current			2	μ A
Performance	Warm Up Time		5		Sec.
	Dielectric Breakdown		10.000		VDC
	Sensitivity	4.9	5.0	5.1	μ V / V / mmHg
	Nonlinearity and Hysteresis	-1.5		1.5	%Span
	Zero Thermal Drift (Thermal Offset Shift)	-0.3		0.3	mmHg / °C
	Sensitivity Thermal Drift (Thermal Span Shift)	-0.1		0.1	% / °C
	Frequency Response		1200		Hz
	Zero (Offset) Drift With Time			2	mmHg / 8 hrs
	Phase Shift				5°
	Unbalance	-75		75	mmHg
Environmental	Defibrillator withstand (360 joules)	5			Discharges / min
	Natural Frequency		40		Hz
	Continuous Flow Rate		3 $\pm$ 1 or 30 $\pm$ 10		cc/hr
	Operating Temperature	10		40	°C
	Storage Temperature	-25		70	°C
	Humidity (External)	10		90	%
	Atmosphere Pressure Range	700		1060	hPa
	Light Sensitivity (@3000 Foot Candle)		1		(per AMMI BP22)
	Mechanical Shock	500			g
	Operating Life			168	h
	Shelf Life			3	Years

Supply Voltage: 6.0 VDC, Ambient Temperature: 25°C (unless otherwise specified). All specifications meet or exceed the AAMI Standard for performance interchangeability of resistance bridge type blood pressure transducers.

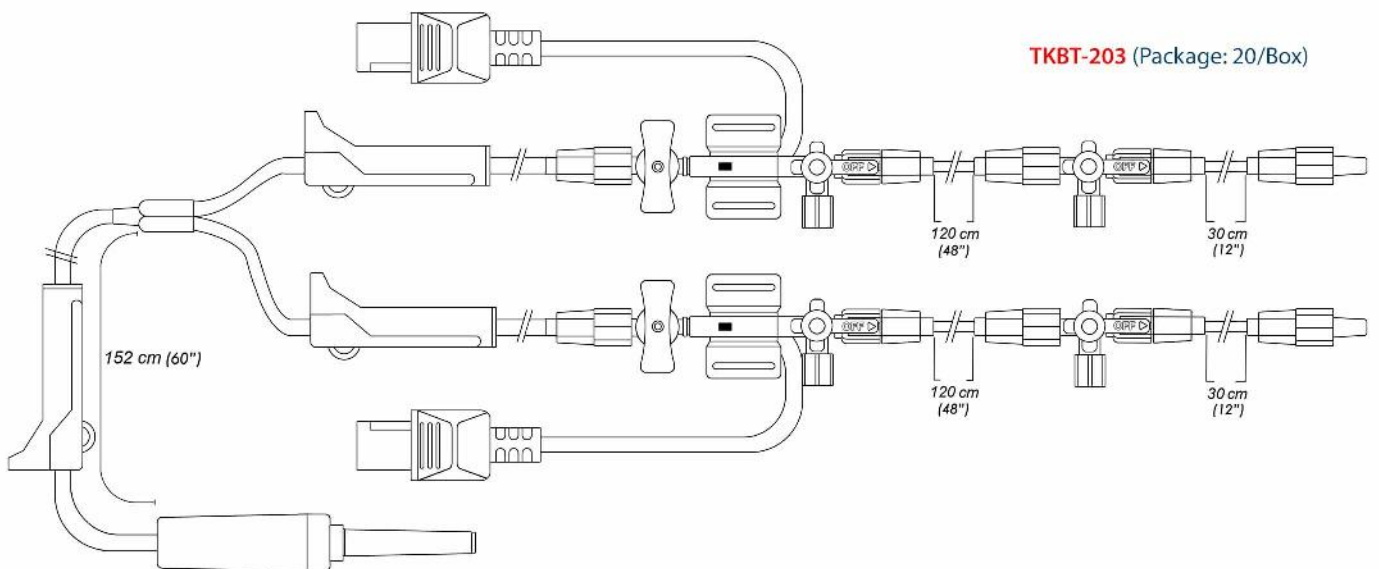
DISPOSABLE PRESSURE TRANSDUCER

Product Description



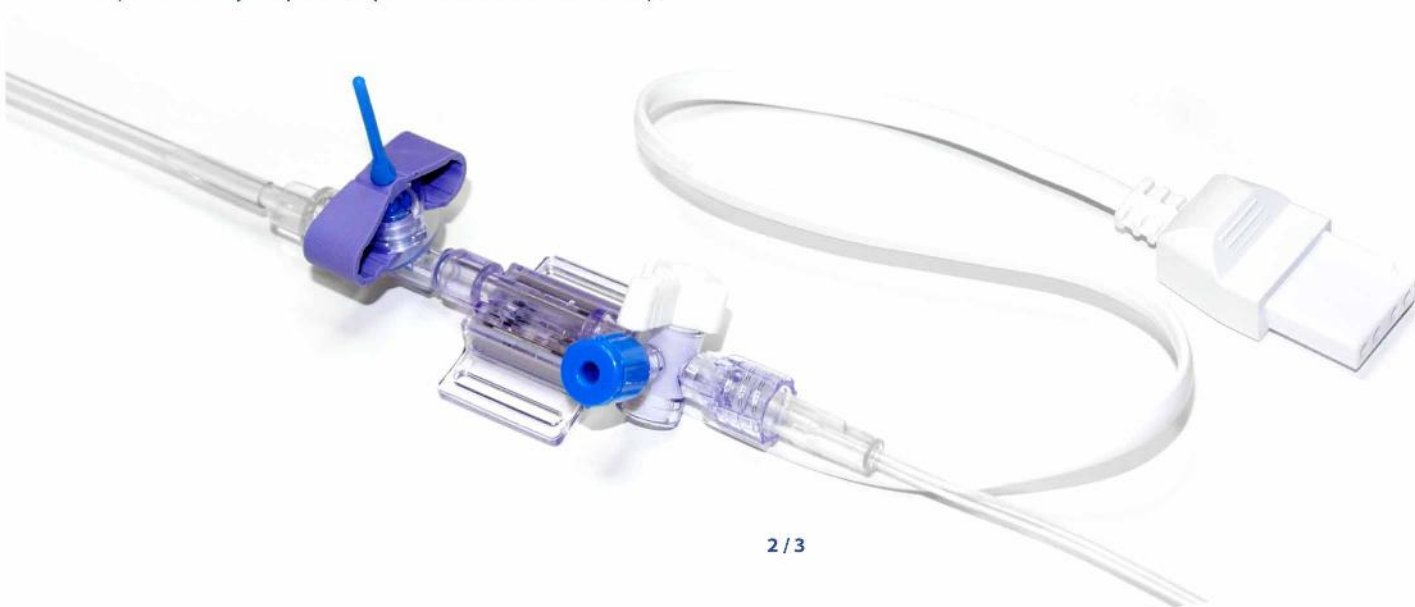
TKBT-103 (Package: 40/Box)

Single Channel Disposable Pressure Transducer Set, (1 piece Disposable Pressure Transducer, 1 piece 152 cm (60") Single IV set, 1 piece Flush Device 3 cc/h, 1 piece 120 cm (48") Pressure Tubing with M/F Connector, 1 piece 30 cm (12") Pressure Tubing with M/F Connector, 2 pieces 3-Way Stopcock, 2 pieces Male Non-Vented Cap).



TKBT-203 (Package: 20/Box)

Double Channel Disposable Pressure Transducer Set, (2 pieces Disposable Pressure Transducer, 1 piece 152 cm (60") Single IV set, 2 pieces Flush Device 3 cc/h, 2 pieces 120 cm (48") Pressure Tubing with M/F Connector, 2 pieces 30 cm (12") Pressure Tubing with M/F Connector, 4 pieces 3-Way Stopcock, 4 pieces Male Non-Vented Cap).



DISPOSABLE PRESSURE TRANSDUCER

Accessories

TKBT-BP3

Transducer Background Plate for Disposable Pressure Transducer

5/Box

FMT three slot Transducer Background Plate with color coded labels provide easy identification of various components and can be easily adapted to mount to the bedside or an IV pole. Reusable and may be EtO gas-sterilized a limited number of times.



TKBT-CL1 IV Pole Clamp for TKBT-BP3 Transducer Background Plate

1/Each

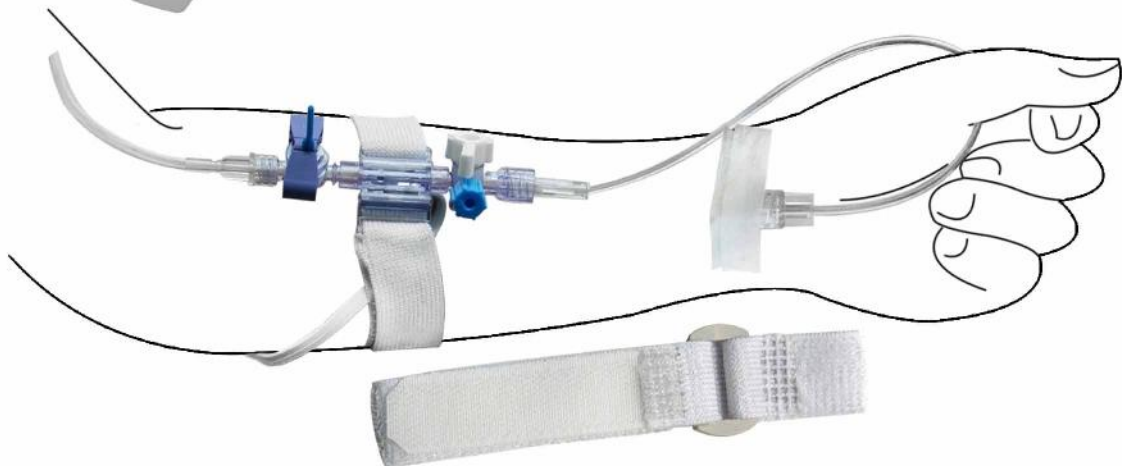
Accommodates TKBT-BP3 Transducer Background Plate. Uses thumbscrews to secure Transducer Background Plate. Reusable and may be EtO gas-sterilized a limited number of times.



TKBT-AS Patient Attachment Arm Straps (Disposable)

25/Box

Allows conversion of pole-mount kits to patient-mount applications.



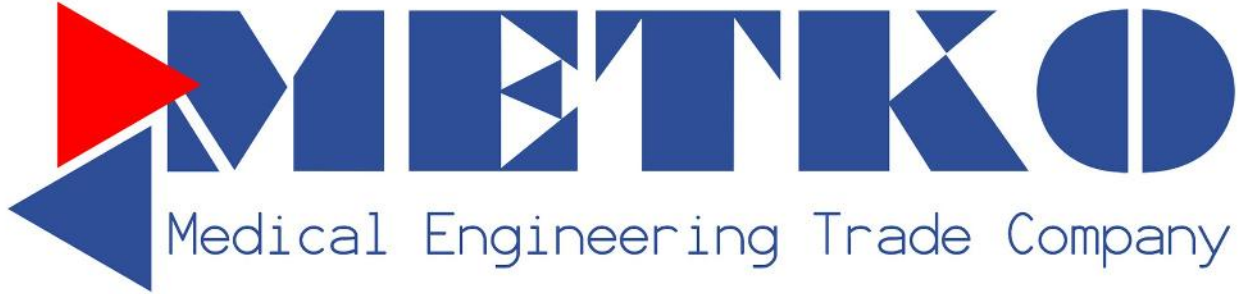
IBP-04/XXX

IBP Interface Cables

1/Each

FMT IBP Cables are for connection between disposable or reusable transducers and the specified monitoring system. All cables are 3.5 m (11') in length and packaged individually. Cables are reusable, non-sterile and can be EtO gas sterilized a limited number of times. Please see FMT IBP Cables product catalogue for compatible monitors.





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