

TruePhysio® Rapid Exchange Pressure Microcatheter (Model #1-14-1)	
Design	Rapid exchange, single lumen microcatheter
Tip to sensor distance (Blind section length)	2.5mm
Microcatheter length	3930mm
Rapid exchange distal shaft length	260mm
Distal profile	0.0205 inch
Pressure sensor	CathMEMS
Sensor location	Between 2 marker bands
Pressure range	-30 to 300mmHg
Pressure accuracy	±1mmHg + (±1% of reading)(-30~50mmHg); ±3% of reading (50~300mmHg)
Drift from zero	<5mmHg/h
Guidewire compatibility	Compatible with 0.014" guidewire
Maintain wire position during pullback	

VivoCardio® Cardiovascular Pressure Measurement (CPM) system (Model #U152301)	
Operating voltage	100-240V, 50/60Hz
Rated power consumption	35VA
Operating temperature	15°C~35°C
Operating relative humidity	30%RH~75%RH
Storage temperature	-20°C~70°C
Storage relative humidity	10%RH~95%RH
Weight	4.8kg
Dimensions	337mm x 245mm x 108mm (L x W x H)
Pressure range	-30mmHg~300mmHg
Pressure accuracy	±1mmHg + (±1% of reading)(-30~50mmHg); ±3% of reading (50~300mmHg)
Pressure drift	<5mmHg/h
Frequency response	0~25Hz



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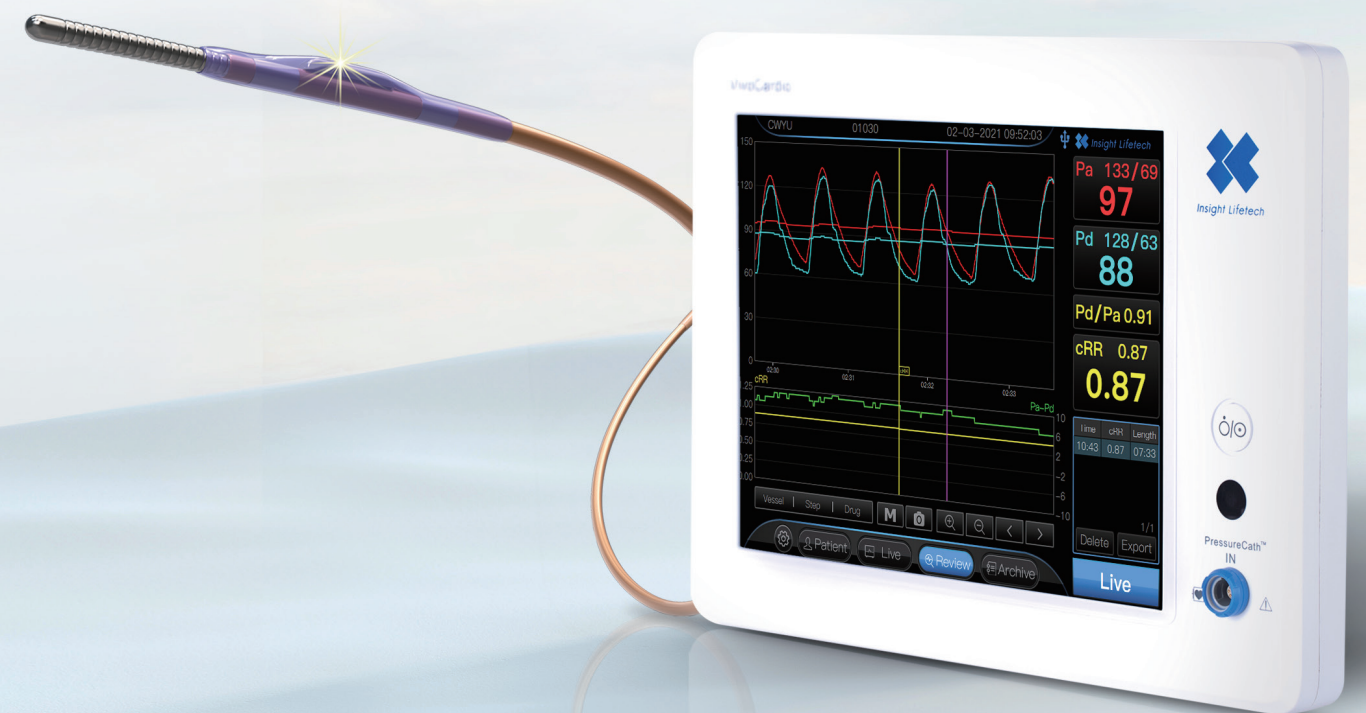


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FROM COMPLEX TO SIMPLE

TruePhysio® & VivoCardio® FFR/cRR measurement System



Rapid



Accurate

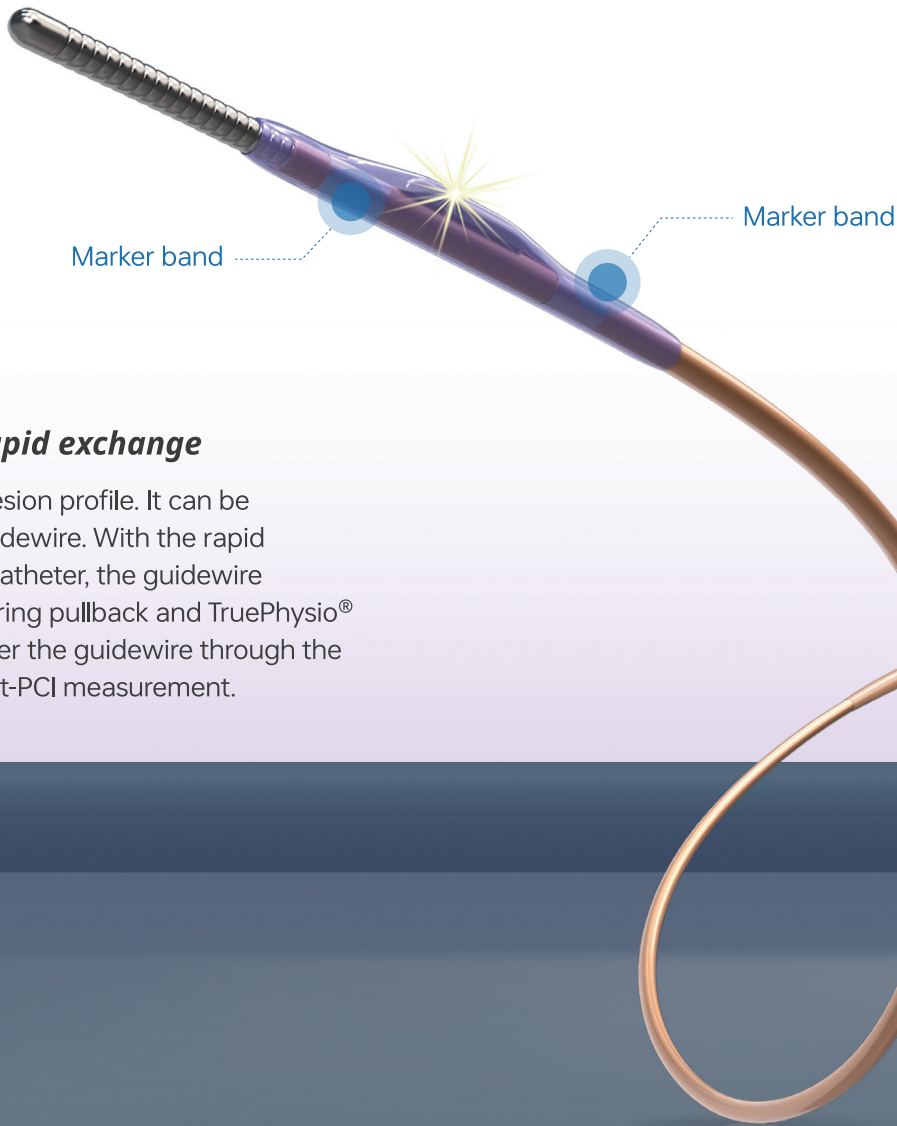


Reliable



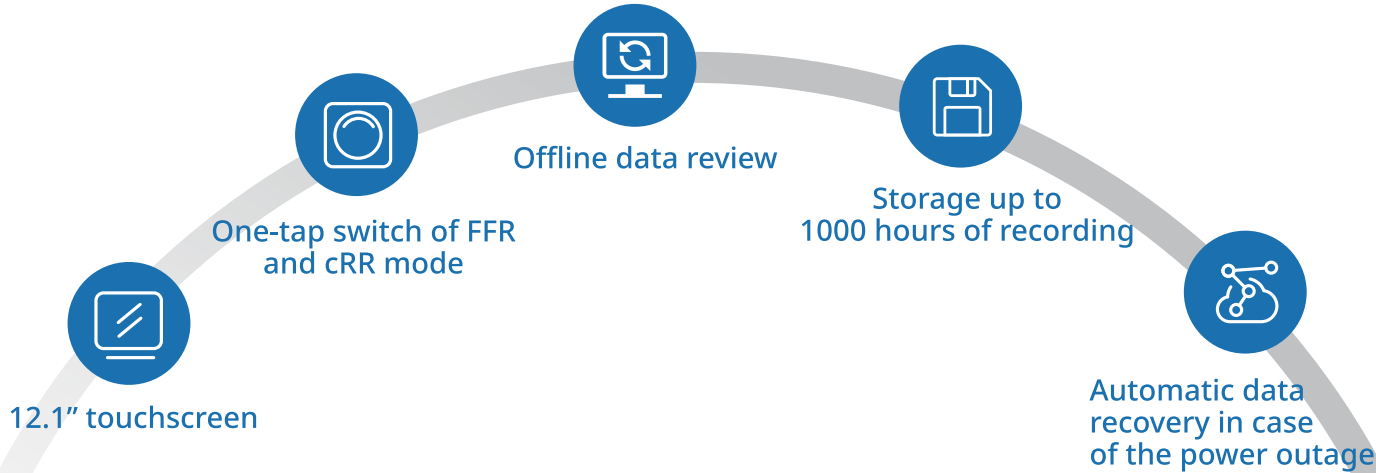
Flexible

The world’s smallest profile rapid-exchange pressure microcatheter may change your opinion in FFR measurement, which provides excellent flexibility and facilitates easy pullbacks and post-PCI measurement without rewiring.



Ultra-thin profile with rapid exchange

TruePhysio® has a 0.0205” in-lesion profile. It can be compatible with any 0.014” guidewire. With the rapid exchange design of the microcatheter, the guidewire position can be maintained during pullback and TruePhysio® can be quickly maneuvered over the guidewire through the stent in a curved vessel for post-PCI measurement.



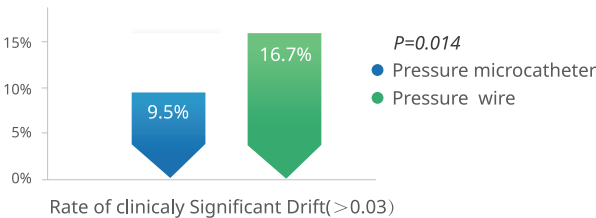
Accurate and flexible

CathMEMSTM design guarantees accurate and reliable results. TruePhysio® can significantly facilitate the physiology assessment during complex PCI procedures, particularly in tandem, diffuse, bifurcation, multi-vessels, and tortuous anatomy.



Less drift occurrence¹

With the integration of the catheter and the cable, no need for disconnection and reconnection during procedures.

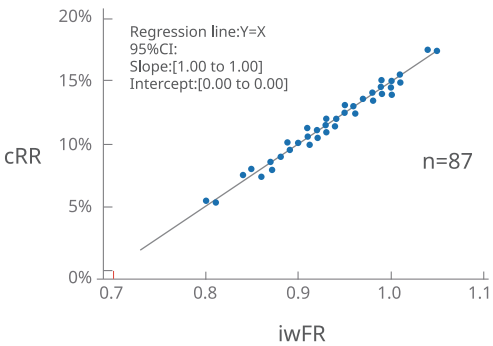


¹SUPREME Study (NCT03541577), Chenguang Li MD et. al. Catheter Cardiovasc Interv. 2021

Non-hyperemia Physiological Guidance

Constant Resistance Ratio (cRR) is Insight Lifetech’s proprietary adenosine-free technology. This resting index can be reliably calculated from the pressure waveforms independent of ECG. The diagnostic accuracy of cRR was 97% (using iwFR≤0.89 as reference). The cRR is numerically equivalent to iwFR (Instantaneous wave-free ratio), and the two indices are identical in diagnostic agreement².

cRR is a novel non-hyperaemic pressure ratio that can simplify workflow and reduce patient discomfort. With the rapid exchange pressure microcatheter, physicians can effortlessly perform pullback assessment anytime without rewiring the guidewire.



²Abstracts of PCR e-Course 2020. Euro20A-OP089