Dual Sensor System™
Imaging Platform

OPUSWAVE™
Imaging System

DualView™
Imaging Catheter

Dual View.
Singular Clarity.



TERUMO
INTERVENTIONAL SYSTEMS



Interventional specialists begin each day knowing that every decision matters. Years of learning and preparation give them the confidence to act when the moment allows no hesitation.

Terumo Interventional Systems exists for those moments. Because when every decision matters, there can be no compromise.

When Every Decision Matters™

TERUMO
INTERVENTIONAL
SYSTEMS

OPUSWAVE™
Imaging System

Dual View. Singular Clarity.

For decades, interventional cardiologists have had to choose between the depth of IVUS and the detail of OCT for image-guided percutaneous coronary interventions. OPUSWAVE is here to change that.

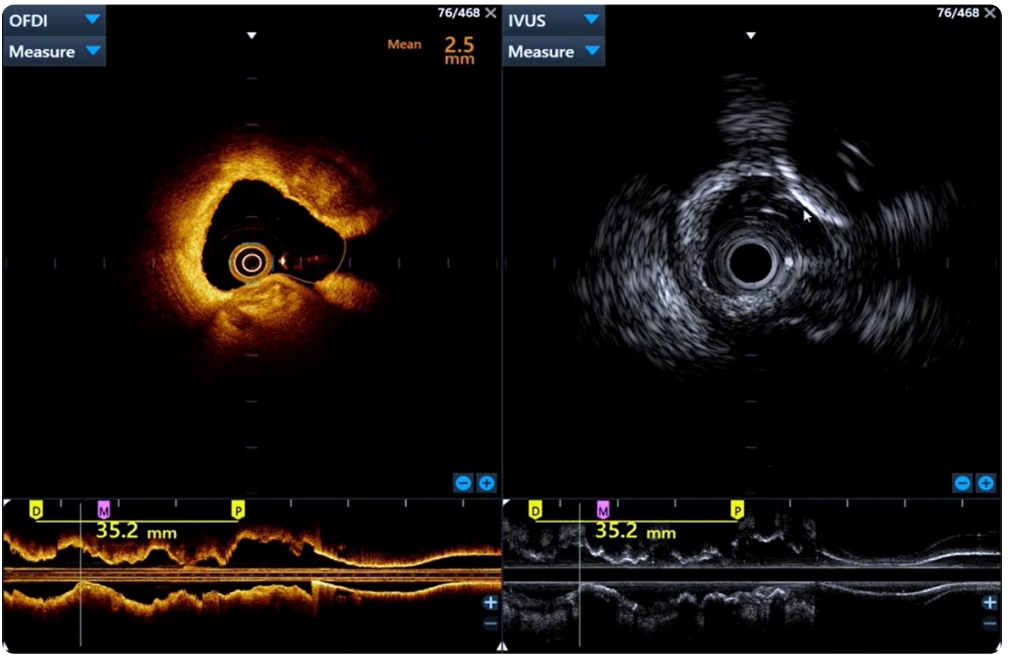
The OPUSWAVE Dual Sensor System delivers high-resolution surface detail and deep tissue penetration in a single pullback, enabling comprehensive lesion assessment.[1]



OPUSWAVE™
Imaging System

Flexibility at your fingertips

Simultaneous visualization of IVUS and OFDI modalities on a single screen



By displaying IVUS and OFDI side by side, the system provides complementary views to make informed treatment decisions.

Easy switching between Dual-View and Single-View displays

Flexible display options allow clinicians to select the view needed for informed decision-making, using IVUS when contrast is a concern and OFDI for detailed near-field visualization.

Angio Co-Registration

System is able to obtain co-registration with angio and OFDI + IVUS image.

Automated lesion tool

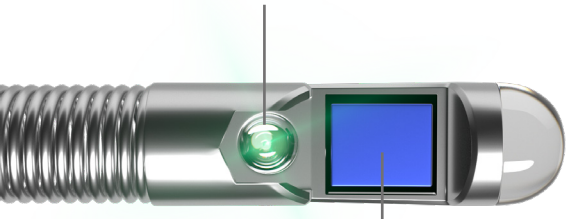
The lesion tool can be used simultaneously on both IVUS or OFDI images in Dual Mode.

DualView™
Imaging Catheter

Dual Sensor for two images in a single pullback

By integrating both IVUS and OFDI sensors into a single catheter, the system enables simultaneous acquisition of two sets of information with a single pullback.

OFDI/OCT
Showing plaque characteristics in detail



IVUS 40 MHz
Capturing a comprehensive image of the entire blood vessel

Longest single-run pullback length

The DUALVIEW catheter offers a 150 mm pullback for both IVUS and OCT.

Access challenging lesions

Guidewire exit port designed to reduce catheter entrapment in challenging lesions.



HOME FEATURE

Motor Drive Unit (MDU) controller designed for enhanced operability

Home Feature enables the MDU to end the pullback once MDU scanner has traveled the predetermined length.

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OPUSWAVE™
Imaging System

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Ordering Information

OPUSWAVE Dual Sensor System

PRODUCT CODE	IMAGING MODES		CO-REGISTRATION
01000v00-US	Frame Rate:	Dual Mode 100-160 fps IVUS Only 30-100 fps	✓
	Pullback Speed:	Dual Mode - 10, 20, 30, 40 mm/sec IVUS Only - 0.5, 1, 2, 3, 10 mm/sec	

DUALVIEW Imaging Catheter

PRODUCT CODE		
TU-DSS01C	Imaging Window Profile	2.6 F
	Guidewire Rapid Exchange Rail Length	20 mm
	Transducer Frequency: IVUS Mode	40 MHz
	Guide Catheter Compatibility	6 F
	Guidewire Maximum OD	0.014”
	Max. Pullback Length	150 mm
	Distal Radiopaque Marker to Tip	7 mm
	Distal Tip to Sensor	25 mm
	Distal Depth Markers	90 cm, 100 cm
	Effective Length	137 cm
	Distal Hydrophilic Coating Length	100 cm
	Infrared Light for OCT Imaging	1300 nm
	INJECTOR SETTINGS	
	Flush Rate	4 mL/s
	Total Volume	16 mL
	Pressure Limit	300 psi (2069 kPa)

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References:
1. Data on file.

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