Makoto™ NIRS+IVUS Imaging System

A dual-modality intravascular imaging device with the ability to assess vessel structure and plaque composition.

Mechanism of operation	NIRS (Near-Infrared Spectroscopy) & HD-IVUS (Rotational)		
	IVUS Frequency Range: 35-65 MHz, 60% Bandwidth IVUS Axial Resolution: 20 μm*		
Specifications	Pullback Speed: 0.5, 1.0, 2.0 mm/s		
	Live IVUS Speeds: 0.0, 2.0, 10.0 mm/s, Bi-directional motion		
	CDSCO, FDA, CE, KFDA, PMDA		
Product Approval and Indication	 Indications for Use: > Ultrasound Examination of Coronary Intravascular Pathology > Detection of Lipid-Core Plaques of Interest (LCP) > Assessment of Coronary Artery Lipid Core Burden > Identification of <u>patients and plaques at increased risk</u> of MACE. 		



Dualpro™ NIRS+IVUS Catheter

Intravascular Imaging catheter for detection of Lipid Core Plaques (LCP) and assessment of vessel structure.

	Mechanism of operation	NIRS, Near-Infrared Spectroscopy & HD-IVUS, 35-65 MHz Rotational	
HD-IVUS for plaque structure visualization NIRS for plaque composition analysis	Specifications	 160 cm Working Length 150 mm Imaging Range 16 mm Tip to IVUS Image Distance 16 mm IVUS Image Diameter 6F Interventional Guide Compatible 6.014" Guide Wire Compatible 	
		3.2F Crossing Profile	Curro
	Features	Tracking Reinforcement Sleeve (TRS) Dual Layer Hydrophilic Coating Extended Bandwidth IVUS transducer (XB)	



www.niproinindia.com/vascular

Extended Bandwidth IVUS: HD-IVUS with Depth

Nipro's Dualpro^m is the only HD-IVUS designed to bring high resolution <u>CLARITY</u> AND <u>DEPTH</u> of penetration. Accept <u>fewer tradeoffs</u> with <u>Extended Bandwidth</u>; take the benefits of both high and low IVUS frequency.

