



# Industrial Borescope



## ■ Specifications

Insertion tube image			
			
Diameter	φ2.8mm	φ3.9mm	φ6.9mm
Length (meter/inch)	1.0m/39"	1.5m/ 59" 3.0m/118"	1.5m/ 59" 3.0m/118" 5.0m/197" 8.0m/315"

Insertion Tube	Exterior	Polyethylene Resin	Stainless Steel Braid	
	Waterproof	Insertion Drip Proof	Insertion Tube and Tip	
	Bending Radius	Over R25 mm	Over R35 mm	Over R45 mm
	Chemical Compatibility	Machine Oil, Heating Oil, Engine Oil, 3.5% Concentrated Saltwater, Diesel Fuel		
Optical	Field of View (H/V)	70° / 70° (Diagonal 100°)		72° / 54° (Diagonal 100°)
	F No.	F 5.3		F 6.0
	Depth of Field	10mm~ 40mm	15mm~ ∞	20mm~ ∞
	Illumination Method	Optical Fiber (5-step adjustment)	6 Super High-Intensity White LEDs (5-step adjustment)	4 Super High-Intensity White LEDs (5-step adjustment)
Articulation	Articulation Angle	360° (over 90° in every direction) *φ6.9m-8.0mhas over 70°		
	Articulation Control	Joystick with "Direct Control" Mechanism		
	Rigid Distal End Length	14 mm	13 mm	15 mm
LCD Monitor		3.5-inch Color Digital TFT		
Observation Functions		-	2X Digital Zoom	
		-	Internal-Camera-Module Temperature Display	
		-	Temperature Alarm Display	
Storage	Storage Media	MicroSD Card (Max. 2GB)		
	Still Image (JPEG)	400 × 400 pixels	640 × 480 pixels	
	Video	Motion JPEG format (AVI extension file) / Voice recording function by microphone		
400 × 400 pixel 15~30 fps		640 × 480 pixel 15~30 fps		
Operating Temperature (Insertion Tube)		In Air : -30°C~60°C (-22°F~140°F) (Without condensation)	In Air : -30°C~60°C (-22°F~140°F) (Without condensation) In Liquid : 10°C~30°C (50°F~86°F)	

\*Specifications and design may be changed without a prior notice.