

MC1 SERIES

MECHANICAL ARTICULATING VIDEO BORESCOPE

SPI Borescopes is proud to introduce the MC1 SERIES of Mechanically Controlled Articulating Video Borescopes. This All New Video Borescope provides the Ultimate Inspection Experience through cutting edge features and strategic design, at a price that will make the competition blush.



KEY FEATURES

- ✓ 4-way | 360° Mechanically Controlled Joystick Articulation.
- ✓ 4.3" High Resolution Solid State LCD Monitor.
- ✓ High-End Medical Grade, Micro-Digital Camera & 6 High Intensity LEDs.
- ✓ Intelligent Image, Video and Audio Capture Functions | Interchangeable Tips | 3X Zoom.
- ✓ 4 Hour Rechargeable & Replaceable Independent Lithium-Ion Battery.
- ✓ Ultra Durable High Density Tungsten Braided Insertion Tube.
- ✓ Wi-Fi Image Transfer, 8GB Removable SD Card & USB Connectivity.
- ✓ 4MM, 6MM & 2.4MM Insertion Tube Diameters.
- ✓ 1.5 Meter, 3.0 Meter & 6.0 Meter Insertion Tube Lengths.

1 ULTIMATE INSPECTION EXPERIENCE

The MC1 provides the Ultimate Inspection Experience through a High-End Digital Camera, Brilliant LED Lighting, a 4.3" High-Res LCD Monitor and Precision Mechanically Controlled Joystick Articulation.

2 EXTREME DURABILITY

Designed for the punishment any indispensable tool will inevitably take, the MC1 includes a High-Density Tungsten Insertion Tube, a Rubber Reinforced Solid-State Screen and a Military Grade Carrying Case.

3 STRATEGIC DESIGN

Engineered for Excellence, the MC1 is Lightweight, Ultra Portable and Easy to Operate. The Ergonomic Design and Precisely Placed Controls make it Perfect for even the most Challenging Inspections.

CONTACT SPI BORESCOPIES

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MC1 SERIES USER MANUAL



Military-Grade High-Impact Case



- Included**
- MC1 SERIES Borescope
 - Lithium-Ion Battery
 - Battery Charger
 - 8GB SD Card
- USB Converter
 - Screen Cleaner
 - Audio/Video Cable



Wi-Fi Image Transfer (Optional)



4-way 360° Mechanically Controlled Joystick Articulation



6 High Intensity LEDs



Ultra Durable High Density Tungsten Braided Insertion Tube



- ✓ USB Connection
- ✓ AC Power Connection
- ✓ Headphone Connection
- ✓ 8GB Standard SD Memory Card



- 3X Digital Zoom
- Power/Menu
- Articulation Lock

- Video Recording
- 5 Level Brightness Control
- Image Capture

Joystick



Interchangeable Lithium-Ion Battery

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MCI SERIES

MECHANICAL ARTICULATING VIDEO BORESCOPE

TECHNICAL SPECIFICATIONS

		4.0 MM	6.0 MM	2.4 MM
Insertion Tube	Outer Diameter	4.0MM	6.0MM	2.4MM
	Length	1.5 M / 3.0 M	1.5 M / 3.0 M / 6.0 M	1.0M
	Exterior	Tungsten Braid	Tungsten Braid	Tungsten Braid
	Waterproof	IP65	IP65 (IP67 Optional)	IP65 (IP67 Optional)
Optics	Pixels	410.000	440.000	350.000
	Field of View	>90°	>120°	120°
	Depth of Field	4MM - 80MM	5MM - ∞	4MM-80MM
	Illumination Method	6 Ultra White Light LEDs Off - High 5 Levels		2 Ultra White Light LEDs
	Illumination Intensity	>60000Lux 940nm Infrared Night Vision (Optional)		
Articulation	Articulation Control	4-way 360° Mechanical Joystick Control		2-way (Left and Right)
	Bending Angle	>120° x 360° Full Rotation		
LCD Monitor		4.3 inch High Resolution Solid State Color LCD		
Observation Function	Digital Zoom	3 Adjusting Levels 1X, 2X, 3X Digital Zoom		
Still Capture / Record Function		3X		
		Still Image		
Input / Output	Video Output (NTSC/PAL)	Real Time Recording		
	USB Port	NTSC/PAL Output		
Terminal	Audio Recording	Integrated Microphone for Audio Recording		
	Audio Output	Monaural Flat Jack for Earphones & Built in Speakers		
	Microphone Input	Monaural Flat Jack for Microphone		
Storage Media	USB Data Transportation Port	USB Date Communication Interface		
	Still Image	Standard SD Card (8GB)		
	Video	JPG 1024x768 pixels \ AVI 720*576 pixel 30fps	AVI 800*480 pixel	
		Voice Recording thgh integrated microphone Optical Tip Mic		
	Storage Capacity	Still Images = 4000 pictures / Movie Recording = 8 hours		
Playback Function		Hand Unit / Computer / Tablet / Phone with WiFi (Optional)		
Menu Operation		Date Pattern Selection		
		Time and Date Settings		
		Delete Storage Images & Videos		
		Languages: English/Chinese/German/French		
		USB large capacity memory		
Ambient Temperature		-10°C~50°C (14°F - 122°F)		
Power Supply	Battery	3.7V/6000MAH		
	AC Charger	100-240V ~ 50/60HZ		
Operating Time		4-5 hours (Interchangeable and rechargeable Lithium-Ion battery)		
Weight		1080g (40.8oz)		
Carrying Case Size		534*407*178 (MM) 21*16*7 (inches)		