

X1 SERIES

ARTICULATING VIDEO BORESCOPE

SPI Borescopes is proud to introduce the X1 SERIES of Articulating Video Borescopes. This All New Video Borescope is a Major Breakthrough in Remote Visual Inspection Technology. The X1 offers a Sleek and Strategic Design, Military Grade Durability and the Most Responsive Articulation on the Market.



KEY FEATURES

- ✓ 4-way | 360° Power-Glide Joystick Articulation.
- ✓ Up to 180° Articulation Bend Radius.
- ✓ 3.5" High Resolution Solid State LCD Monitor.
- ✓ High-End Medical Grade, Micro-Digital Camera.
- ✓ Image, Video and Audio Capture Functions.
- ✓ Magnetic Base, Screen Flip Function & Precise Articulation Hold.
- ✓ 4 Hour Rechargeable & Replaceable Lithium-Ion Battery.
- ✓ Quadruple Tungsten Braided Insertion Tube
- ✓ Lightweight Military-Grade High Impact Case
- ✓ 3.8MM & 6MM Insertion Tube Diameters
- ✓ 1.5 Meter, 2.0 Meter & 3.0 Meter Insertion Tube Lengths.

1 XTREME ARTICULATION

Providing Extreme Articulation Control, the X1 uses an exact-control rocker for Precise Manual Articulation. With 4-way, 360° joystick controlled articulation and the ability to bend up to 180°, the X1 is the Ultimate Manually Controlled Articulating Video Borescope on the Market.

2 XTREME FEATURES

The X1 was strategically designed to intuitively incorporate the features needed in even the most extreme inspections. The X1 offers Picture, Video & Audio Recording, 4X Zoom, easy-adjust LED Lighting System, Screen Flip Capabilities, Articulation Lock and a Magnetic Base when you need an Extra Hand.

3 XTREME USABILITY

The X1 was designed to be Extremely Durable and Incredibly Portable. With a lightweight Military-Grade, High Impact Case, Solid State all-in-one Design, Quadruple Tungsten-Braided Insertion Tube, a long lasting Lithium Battery and an all-in weight of less than one pound, the X1 delivers Extreme Usability.

CONTACT SPI BORESCOPES

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X1 SERIES USER MANUAL



Lightweight Military-Grade High-Impact Case



Shoulder Strap



- Included**
- X1 SERIES Borescope
 - Battery Charger
 - 8G SD Card
 - USB Converter
 - Screen Cleaner
 - Audio/Video Cable



4-way Articulation
Up to 180° Bending Radius



Quadruple Tungsten Braided Insertion Tube

Interchangeable Probe



Magnetic Base



- On / Off
- Up
- Return / Playback
- Joystick
- Menu / Ok
- Down / Switch Photo & Video
- LED Brightness Control

Image & Video Capture Trigger



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TECHNICAL SPECIFICATIONS

| | |
|-------------------------------------|--|
| Replaceable Insertion Tube | Users can easily replace the spare insert tube. |
| Distal Tip | 13MM |
| Camera Diameter (MM) | 4MM & 6MM |
| Camera Material | Titanium Alloy |
| Camera Pixel | 450,000 |
| Depth of Field | Standard 2MM- ∞MM |
| Angle of Field | 120° |
| Image Magnification | 4X |
| Light Control | 7 Levels |
| Bright/Chroma/Contrast | 0-16 Levels |
| White Balance | Auto White Balance |
| Bending Control | 360° Manual all-way Articulation |
| Bending Angle | Up to 180° |
| Effective Working Length | 1.5M/2.0M/3.0M |
| Insert Tube | Quadruple Tungsten-Braided Tubes |
| Protecting Device Durability | Buffer protection device between host and wear-resistant tube. |
| Language | English, Chinese, Russian, Japanese, etc. |
| Display | Highlight 3.5 inches TFT LCD |
| Display Resolution | 640*480 |
| Image/Video Format | JPEG/AVI |
| Image Resolution | 640*480 |
| Host Structure | Hanheld Design |
| Memory | Standard SD Card: 8G, Maximum: 32G |
| Data I/O Port | Micro-USB Port, Video Output Port |
| Probe Articulation Control | The speed of the probe articulation is controlled by rocker. |
| Waterproof | Camera/Object Glass/Tubes:IP67 |
| Host Working Time | Up to 4 Hours |
| Weight | 0.45kg (with batteries) |
| Power Supply | Rechargeable Lithium Battery (dismountable) |
| Battery Capacity | 4.2V 2200mAh |
| Power Consumption | 3W |
| Charging Parameters | DC5V, Maximum current: 1A |
| Warranty Period | One year manufacturer's defect warranty. |

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