

BCS

MILITARY OPTICS

BCS Pro 39-60 Series 8 x Magnification ATEX Explosive Borescope



*Explosion-Proof Certificate:
II G Ex d IIC T5 Gb*

ATEX Explosion Proof Borescope This explosion-proof borescope camera is great for fuel tank inspections, police and military applications, customs and border protection, aviation and gas turbine NDT, and power generation inspections. Class I Div II borescopes are uniquely designed.

Excellent Performance

High Picture Resolution



Hardware Features



Daylight display with full new intelligent software system

The BCS Pro series features an LCD daylight display that is clearly visible in the sun. The new human-computer interaction software is more human, scientific, more powerful and more comfortable

HD Camera, Excellent Image Processing Technology

Miniature 720P HD image sensor makes the image more delicate and the color more realistic, the image is uncompressed, the resolution is up to 720* 625, and every real detail is restored

HD Cable Connect to External Laptop

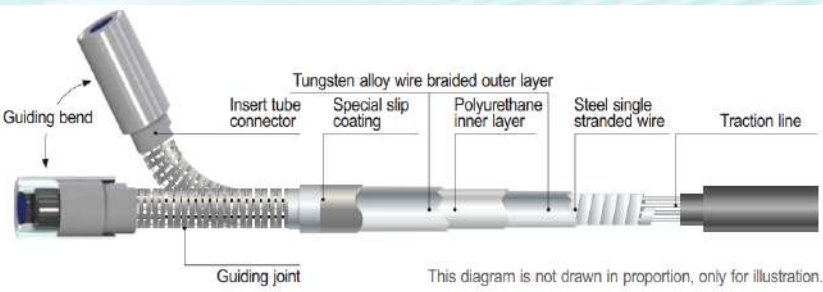
Equipped with a dedicated USB video output interface, connected to the PC through a dedicated data cable, suitable for expert consultation, helping to quickly find the defect of the detected object

Upgrade Without the High-End Cost

The Pro 39-60 series has been added to BCS Borescopes economy Explosion Proof line up because it offers end users the opportunity to upgrade from a lower cost fiberscope, typically ranging in price from \$9,000-\$10,000, to an articulating videoscope with its own internal light source, video recording, picture taking, and SD card storage. This unit features tungsten sheathing as found in many other higher end videoscope systems. The image quality provides an improvement over flexible fiberscopes which typically will feature between 9,000-15,000 pixels. This unit is a basic system to allow for a low-cost inspection option. Give one of our experienced sales person a call to see if this unit is right for you! Telephone: +44 7464 727015

Excellent Quality

Explosive Probe Coating
 Standard: Tungsten Braided Coated
 Optional: Medical Grade Polyurethane



The probe part adopts a laser welding process with more than 100 points, and each point is accurately welded in place in strict accordance with the standard, ensuring the reliability of the welding spot welding and the strength of the welding, and effectively guaranteeing the stability and reliability of the probe processing and the overall product

Easy Operation

Intelligent Navigation Menu

The navigation menu design is simple and clear, easy to understand and easy to use, novices can get started without training.

Support ten languages: Simplified Chinese, Traditional Chinese, English, Korean, Japanese, German, French, Portuguese, Spanish, Russian.

0.1 second automatic exposure, automatic noise reduction, fast capture of the real details of the detected object, and feedback through high-definition pictures.



Compact design, superior product performance, and easy to use operation with one hand, giving you an unprecedented ease of use.



Multi Function Joystick

The unique rocker closed-loop control technology enhances the bending sensitivity and steering control of the probe for more precise operation.

The electric joystick can control the probe to be guided in 360°all-way, with a strong sense of control, flexible steering and precise angle, and it has one-key lock, step-by-step fine adjustment, fast and slow adjustment, automatic reset, OK confirmation, menu navigation function, making inspection work easier.



One hand-held design, the whole machine (with battery) weighs only 1.35kgs, optional leather shoulder bag, safe and portable, Whether it's checking the fan gearbox on a 100-meter tower or a complex large machine, BCS Pro 30-60 Industrial ATEX Videoscope is designed to make it easier to use.

The instrument case adopts industrial grade anti-drop design, which is compact and sturdy. It can be easily placed in the luggage racks such as airplanes, high-speed rails and trains during business trips.

Lightweight & Portable



Standard Set Contains

1. BCS Pro ATEX Screen
2. Storage Carrying Case
3. Multi Function Joystick
4. Camera (3.9 or 6.00mm)
5. Probe Length of Your Choice
5. Power Supply
6. Laptop Accessory Cable
7. SD Card 16GB (Max : 64GB)
8. User Manual

Technical Specifications

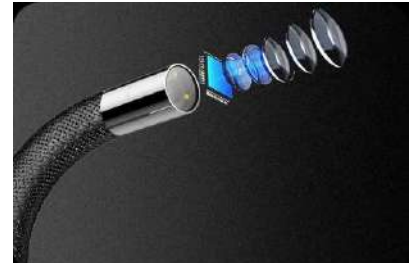
Technical Data	BCS Pro 3.9 mm	BCS Pro 6.0 mm
Camera Diameter	3.9 mm	6.0 mm
Probe Lengths	1 mtr to 3 mtrs	1 mtr to 10 mtrs
Picture Format	Jpg	
Video Format	Mpeg	
Depth Of Field	10mm - 200mm / 20mm - Infinity	
Magnification Of Borescope	x 8 Magnification	
Display	4.5 Inch TFT LCD	
Screen Resolution	720 x 625 Pixels	
Movable Joint	2 Way / 4 Way	2 Way / 4 Way
Angle Of View	120° - 150°	
Illuminator	4 LED Lights Cold Fusion	
White Balance	Auto	Auto
Water-Resistance	IP67	
Data Storage	16GB (Max: 64GB)	
Operation Time Of Borescope	More than 5 hours	More than 5 hours
Power Supply	100-240V AC input 5.5V DC output	
Operation Temperature	-20°C to 60°C	
Storage Temperature	0°C to 40°C	
Admissible Humidity	Up to 90%	
Charging Time	Up To 4 Hours	Up To 4 Hours
Weight Gross	4.5 kgs	4.5 kgs
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3.9 mm Camera Model Number	Probe Length & Articulation
BCS 391T	1 mtr Probe 2-Way Articulation
BCS 392T	2 mtr Probe 2-Way Articulation
BCS 393T	3 mtr Probe 2-Way Articulation
BCS 397T	7 mtr Probe 2-Way Articulation
BCS 391F	1 mtr Probe 4-Way Articulation
BCS 393F	3 mtr Probe 4-Way Articulation

6.0 mm Camera Model Number	Probe Length & Articulation
BCS 601T	1 mtr Probe 2-Way Articulation
BCS 603T	3 mtr Probe 2-Way Articulation
BCS 605F	5 mtr Probe 4-Way Articulation
BCS 607F	7 mtr Probe 4-Way Articulation
BCS 610F	10 mtr Probe 4-Way Articulation

Application Field

Explosion Proof Intrinsically Safe Borescope This explosion-proof borescope camera is great for fuel tank inspections, police and military applications, customs and border protection, aviation and gas turbine, NDT, and power generation inspections. Class I Div II borescopes are uniquely designed. When inspecting hazardous environments, you need tools that can withstand flammable, and combustible vapors, dusts, and liquids. Hazardous portable inspection cameras are the solution. Whether you're inspecting hard to reach areas, natural gas lines, or fuel tanks, the right hazardous environment borescope can make all the difference.



Contact Details

Gary Powell
Bore Cleaning Systems (BCS) Ltd
 Suite G31 Genesis Centre, Innovation Way
 Stoke-on-Trent ST6 4BF
Telephone:
 Mobile/Whats App: +44 7464 727 015
Email: Info@borecleaningsystems.com

Applications And Industries Uses

Power Markets & Hazardous Environments

1. Fossil Fuel
2. Offshore Oil Rigs
3. Gas Transmission
4. Foundry Castings
5. Energy Technology
6. Nuclear Power Plant
7. Land-based Turbines
8. Police, Security, and Military
9. Steam, Gas, and Wind Turbines

