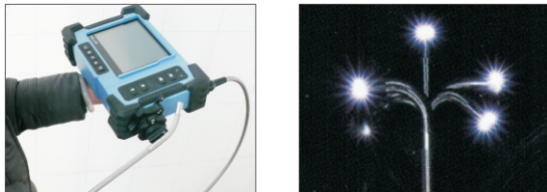


D Series Videoscopes



Functionality

Joystick-Controlled, 360 Degree Articulation

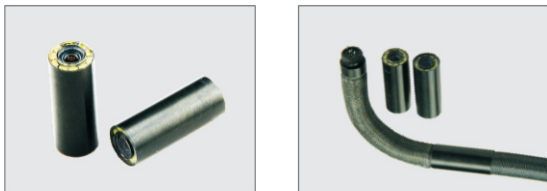


The mechanized joystick uses operator input to directly control camera articulation. The result is smooth and accurate control of the articulating tip, with immediate response to joystick inputs.

This allows the camera tip to be steered through narrow bores, channels and complex curves. Additionally, the camera will hold its position even when joystick pressure is released. No other video borescope is easier to use.

Camera changeable

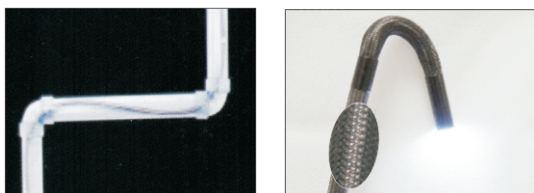
Different DOF camera can be changed:



Tungsten braided cable with the characteristics of abrasion resistance, water-proof, oil-proof and slight corrosion-proof.

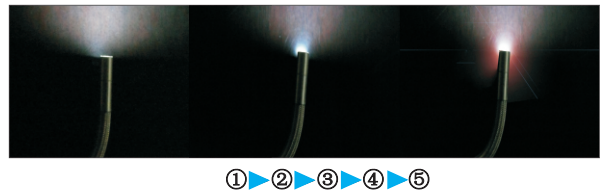
Tungsten and steel braid cable

Tungsten braided cable with the characteristics of abrasion resistance, water-proof, oil-proof and slight corrosion-proof.



LED Flash Function

Super High-Intensity LED Illumination



These LEDs can be adjusted in 5 different levels from off to high, to deliver just the right amount of light.

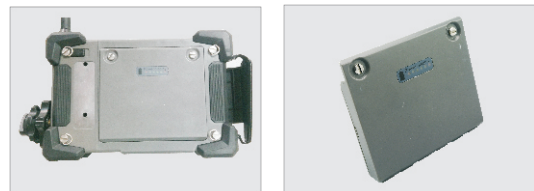
Easy carry



Ergonomic designed case is made in the form of hand-pull box. It is light and portable and additionally offers protection to the equipment and assembly platform.

Battery can be change

Portable handling. Replaceable cameras.
Complicated working conditions adaptable.
Continuous working 5 to 6 hours after fully charged.



Hand wheel can be moved



Functionality can extend to pipeline camera.
If customers often use $\varnothing 8\text{mm}$ camera for inspections, but $\varnothing 4\text{mm}$ camera is needed under some working condition. This goal can be achieved by replacing the hand shank with $\varnothing 4\text{mm}$ camera cable. This method not only ensures the image quality of $\varnothing 8\text{mm}$ camera but also ensures the inspection under smaller working conditions.

Features

Through a variety of easy operation and visual video menu , even first-time users can also quickly master the method to use the endoscope by variety of settings and options .

By high-resolution CCD image sensor , we can get fine , bright , high - quality images , because the objective lens is focusable and can swap ,so the field of view , depth of focus and aperture value are variable , in this way it can adapt all View environment. In case of no main power the battery belt could supply working for two hours electricity to the endoscope.



- 1 camera protecting frame
- 2 controller
- 3 24mm color wide-angle lens analysis
- 4 Replaceable cameras(far dof,near dof)
- 5 vertical pushing rod device
- 6 47mm colorful rotating camera
- 7 18mm color wide-angle lens analysis
- 8 12-star guide wheel
- 9 Handwheel

Technical Parameters

Camera technical parameters		System parameters	
Camera outer diameter	6mm/8mm	Illumination and power control	LED cold light source
Effective working length	1.5-8m	Light intensity	40000Lux~60000Lux
FOV	>70°	brightness adjust mode	Yes
DOF	15mm~∞	Power	12.6V~1A
CCD/CMOS size	1/8" 1/4"	continuous working time	4h~5h
Pixels	440,000	Monitor size	5.8" TFT LCD
White balance	auto white balance	Definition (Resolution)	800*600
Camera protective function	IP64, up to Ip67	video format	AVI format
Testing cable material	Stainless Steel braid	picture format	JPEG format
Guider bend angle	>90°	Storage capacity	8G SD card
Guider bend directions	4-way	Host system working temperature	-10°C~50°C



Zhengzhou Newpower Optical&Electronic Technology Co.,Ltd

T +86-371-55693095

F +86-371-67680771

<http://www.dellon.cc>

No.121 Huashan road,Zhengzhou city,China.

Agent



Photonita Metrologia Óptica

Rod. SC-401, km 01, no. 600
Ed. CELTA - ParqTEC Alfa
Bairro João Paulo
Florianópolis-SC - 88030-000
Tel.: 48-3239-2258

www.photonita.com.br
photonita@photonita.com.br