



NEW

Q-series **HD**

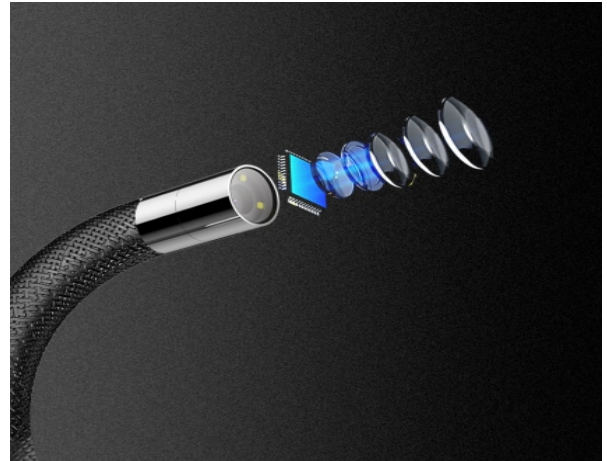
Portable Industrial Borescope

High definition, intelligent, convenient ——Q Series, adopting the latest digital high-definition image processing technology, with mega pixels and a 5.5-inch OLED big screen, to ensure clearer images. Even in strong sunlight, subtle defects can also be detected. In addition, this product adopts mechanical 360° rocker technology and replaceable insertion tube structure, with multiple camera options such as 2.2mm, 2.8mm, 3.9mm, 6mm forward or dual or interchangeable cameras. Users can choose any according to their needs. One base unit with multiple insertion tube options, customers can get the best combination at the best price to meet the needs of a variety of working conditions.

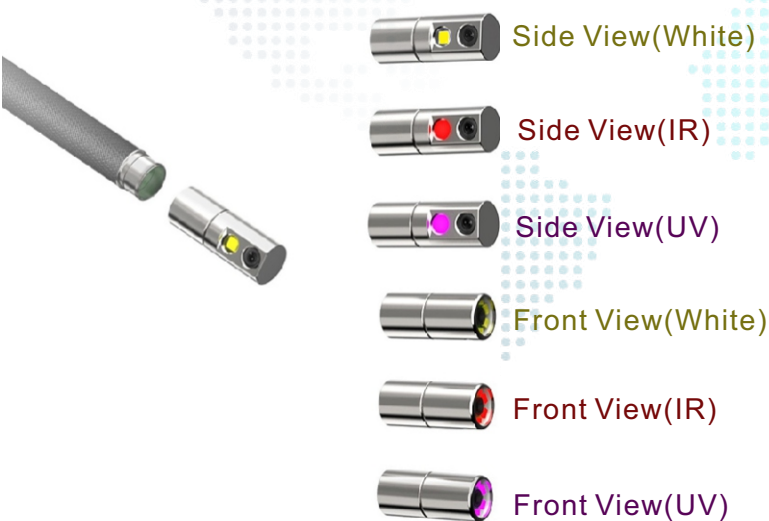




- ⑤ 5.5-inch OLED touch screen, wider viewing angle, clearer display and more realistic color reproduction; Even in strong sunlight, subtle defects can also be detected.



- ⑤ High-definition megapixels, new digital high-definition image processing technology, ultra-clear images



- ⑤ Interchangeable camera -forward, side view camera with white or UV light.

- ⑤ Replaceable insertion tube - tubes with different diameter & length & specs can be replaced to meet different onsite applications.

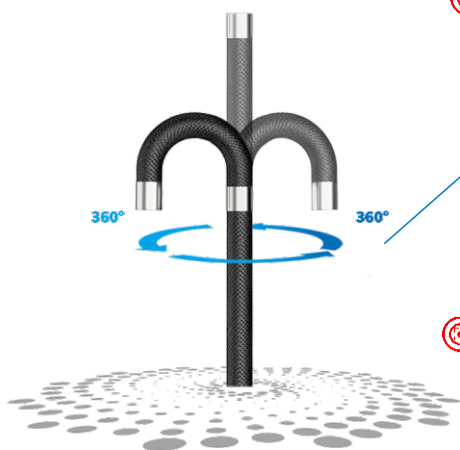




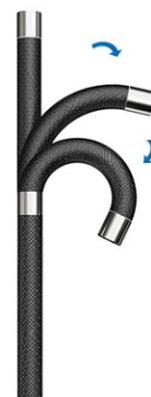
- ① Stand structure -stand structure design, for long-term use, it can support the borescope on a platform; otherwise, magnetic stand is also optional. In special case, the instrument can be attached to metal surface for convenience of inspection.



- ① Flexible articulation -mechanical 360° steering function,



- ① one-way bending can be up to 220°



- ① Unique dual-light compensation and navigation function

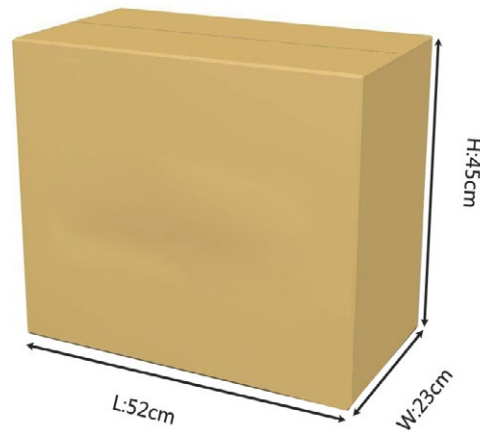


- ① Probe of IP67 rating, can be deep to 1 meter under water.



Multi-display function -image can be simultaneously displayed on borescope, smartphone and TV with wire or without wire, convenient to be shared with multiple people.

Carrying Case:



Net Weight: 7 kg
Volume Weight: 9 kg

Application:

Power generation/ Automotive technology and transportation / Process industry / Aviation



Q Series Portable Industrial Borescope

System	Product Dimension	345*157*185
	Weight	950g
	Display screen	5.5"OLED touch screen
	Screen resolution	1920*1080
	Image direction	Rotate 180°, Mirror
	Zooming in	10 levels, 2.5 times
	Image color	Color or Negative
	White Balance	Auto and Manual
	Joystick control	Mechanical rocker for 360°rotation
	Automatic locking	Automatic probe locking
	Functions	Photo/video recording, brightness control, locking
	Audio	Support earphone connection
	Memory	32G
	Data I/O port	SD card port, HDMI video port, Type C charging port, USB port, software update port
	Battery	Two 18650 Lithium battery (Rechargeable)
	Standby time	4h
	Operation Mode	Handheld portable
	Brightness control	10 degrees brightness adjustment
	External light on host	White light, 365nm UV light
	Controlling Mode	Two multi-function mini joysticks
Insertion tube	Insertion tube material	Tungsten-braided insertion tube
	Camera articulation	0°to 180°
	Bending angle	0° to 180°
	Effective pixels	45k to megapixels
	Depth of Field(mm)	See model no. list.
	Angle of view	See model no. list.
	Front probe	Replaceable probe, one mainbody can match multiple probes.
Software	Operation system	Real-time multitasking operating system
	User interface	Pop-up drive operation, menu navigation
	File management	Support photo or video playback, delete, format
	Image Editing	Zoom in, playback, editing, graffiti, renaming etc.
	Photo format	BMP, PNG, JPG
	Video format	AVI, MP4
	Language	En, CN, Kr, De, RU, JP
	Color settings	Adjustable color specifications
	Exposure	Adjustable exposure time
	Measurement	2D comparison measurement
	Software update	Upgrade by SD card service pack
Operating environment	Monitor/Probe working temperature	Monitor: -20~50° Probe: -20°~70°
	Relative humidity	95%

Model No. List for Q Series

Yateks Model No.	Diameter [mm]	Tube Length [m]	Probe Bending	Resolution	Camera Location	Headcan length [mm]	Optic		Light		
							Depth of Field	Angle of View	Illumination Way	Light type	[Lux]
Q210FN-WL-PM	2.2±0.1	1	130±10°	400x400	Forward	5 ± 0.5	3 - 50mm	120°	Distal LED	White	8,000
Q215FN-WL-PM		1.5	120±10°								
Q220FN-WL-PM		2	100±10°								
Yateks Model No.	Diameter [mm]	Tube Length [m]	Probe bending	Resolution	Camera location	Headcan length [mm]	Optic		Light		
							Depth of Field	Angle of View	Illumination Way	Light type	[Lux]
Q310FN-WL-PA	2.8±0.1	1	130±10°	400x400	Forward	4 ± 0.5	3 - 50mm	120°	Distal LED	White	8,000
Q315FN-WL-PA		1.5	120±10°								
Q320FN-WL-PA		2	110±10°								
Yateks Model No.	Diameter [mm]	Tube Length [m]	Probe bending	Resolution	Camera location	Headcan length [mm]	Optic		Light		
							Depth of Field	Angle of View	Illumination Way	Light type	[Lux]
Q410FM-WF-TC	4.0±0.1	1	170±10°	1280x720	Forward	14 ±0.2	8-150mm	110°	Fiber + LED	White	50,000
Q415FM-WF-TC		1.5	170±10°								
Q420FM-WF-TC		2	150±10°								
Q430FM-WF-TC		3	120±10°								
Q410FF-WF-WR	4.0±0.1	1	170±10°	1280x720	Forward	13.5 ±1	50-∞mm	80°	Fiber + LED	White	50,000
Q415FF-WF-WR		1.5	170±10°								
Q420FF-WF-WR		2	150±10°								
Q430FF-WF-WR		3	120±10°								
Q410FM-WL-JH	4.0±0.1	1	170±10°	1280x720	Forward	8±0.2	7-80mm	110°	Distal LED	White	10,000
Q415FM-WL-JH		1.5	170±10°								
Q420FM-WL-JH		2	150±10°								
Q430FM-WL-JH		3	120±10°								
Yateks Model No.	Diameter [mm]	Tube Length [m]	Probe bending	Resolution	Camera location	Headcan length [mm]	Optic		Light		
							Depth of Field	Angle of View	Illumination Way	Light type	[Lux]
Q610FM-WF-TE	6.0±0.1	1	170±10°	1280x720	Forward	12 ± 0.2	8-150mm	110°	Fiber + LED	White	100,000
Q615FM-WF-TE		1.5	170±10°								
Q620FM-WF-TE		2	150±10°								
Q630FM-WF-TE		3	120±10°								
Q610FF-WF-WR	6.0±0.1	1	170±10°	1280x720	Forward	14.2 ± 0.2	50-∞mm	80°	Fiber + LED	White	70,000
Q615FF-WF-WR		1.5	170±10°								
Q620FF-WF-WR		2	150±10°								
Q630FF-WF-WR		3	120±10°								
Q610FM-WL-PF	6.0±0.1	1	170±10°	640x480	Forward, interchangeable	15 ±0.2	7 - 80mm	120°	Distal LED	White	15,000
Q615FM-WL-PF		1.5	170±10°								
Q620FM-WL-PF		2	150±10°								
Q630FM-WL-PF		3	120±10°								
Q610SM-WL-PF	6.0±0.1	1	170±10°	640x480	Side, interchangeable	16.8 ±0.2	7 - 80mm	90°	Distal LED	White	20,000
Q615SM-WL-PF		1.5	170±10°								
Q620SM-WL-PF		2	150±10°								
Q630SM-WL-PF		3	120±10°								