NEW

SE-40

Pipe inspection camera

Dellon's newly designed SE-40 pipe inspection camera is featured with 40mm pan and tilt camera and a 8.4mm 2-way probe. SE-40 can provide quick and easy inspections of difficult to reach areas. It will save your money.

SE-40 is comprised of 7 inch TFT LCD monitor and 30 meters insertion cable, all are included in a solid transportation case. SE-40 provides great optics to get images in pipe diameters from 10mm to 600mm and features ease of use and portability and remote inspection can be done without electric power.

SE-40 is designed to apply in various fields such as boiler tubes, industrial press vessels, industrial pipes and can capture the images of cracks, corrosion, welding or blockages and the images you want.

Screen

7" LCD （800*480）

Camera

Sensor : 1/4 color CMOS Lens : f=3.6, F=2.3 Vew Angel : 90°
Lighit : 12 LED lights Waterproof : IP67 Camer size : 40mm
Rotating : 360 °rotating Back/up : 180° Focus : manual adjustable

Two way handle-wheel

Diameter : 8mm
Length : 1.5m~3m
FOV : 10-100mm/25-∞
Bengding angle : two way, >120°

Guiding ball and camera protection cab

Camera protective cover to protect the camera, to avoid collision, friction and other damages to the camera.Guiding ball to keep the camera at center position in the pipeline, which is convenient for detection.

Characters

- It is a innovative designed, easy operation and portable system, providing sufficient lightness at working spots. All accessories are packaged in one compact transportation case. The LCD monitor is 7 inch in size and movable and portable. 14 foreign languages in the system. All is helpful in adjusting where the problem are existing.
- A mini 40mm pan and tiltable camera can offer over-all vision. Manual focus and 360° pan and 180 ° moving direction. Ip67 as a standard protection class. Protecting cap is replaceable.
- The 24mm camera is more than 100° focus of view, IP67 as a standard protection class.
- The 8.4mm two-way articulated probe for smaller tube inspection. Multiple sizes in camera makes various inspection possible and save money of the investors.
- Capture and video keys, 8GB as a standard memory card and can be extended to 32GB.
- Replaceable and dismantle battery can be recharged independently. Working hour is more than 4 hours.
- High flexibility fiber glass insertion cable is 30 meters long, diameter is 5.5mm, special longer cable is available if required.
- In the dim environments, the LEDs brings the colorfulness to the captured images.
- Electric meter counter, the numbers of the distance will show on the monitor to measure the exact position. The measurement accuracy is up to 15mm and is suitable for inspection of 10mm to 600mm in diameters.

Main parameters

Camera dia.	41mm	Image sensor	CMOS 1/4
Camera length	60mm	DOF	25mm~∞
Pixels	44,0000	Waterproof	IP67
Light source	12 intensive LEDs	Camera dia.	8.4mm
Housing material	Stainless steel	Camera length	20mm
Tiltable	180°	Pixels	44,0000
Pan	360°	Illumination	High light LED
Manual focus	Yes	FOV	>90°
Image sensor	CMOS 1/4	Image sensor	CMOS 1/4
Ingress protection	IP67	DOV	25mm~∞
Water resistant	1m	Ingress protection	IP64/IP67*
Camera dia.	24mm	Cable material	Stainless steel wire /tungsten wire braided
Camera length	42mm	Cable length	3m
Pixels	42,0000	Articulation	2-way
Illumination	12 high light LEDs	Articulation degree	>120°
Housing material	Stainless steel	Articulation control method	Manual rotation handle
FOV	>100°		

Applications

Power generation | Petrochemical | Pressure vessel | Rail and transportation | Municipal engineering | Aviation | Piping | Special equipments inspection | Machinery | Heavy industry