

S200 Pipeline Robotic Inspector

For lateral pipes DN 200-1500

The robust S200 mainline crawler car ,integrated with a pan/tilt camera head,a crawler car with manual camera-lift mechanism,12.1”display and control monitor with wireless joystick for simple crawler operation,a wheeled cable reel with cable-counter is always ready for off-road inspections.

The SD-1090B camera head boasts 360-degree pan,270-degree tilt ,auto focus/iris/zoom,1 bar water resistance features to capture a never seen before pipe wall details.The camera head’s enhanced movement flexibility enables you to observe every angle and position and ensures leaving no blind spots.And thanks to the adjustable LED lights and the camera-lift,the inner pipe is better illuminated for video recording and snapshots.

The SD9902F crawler is developed with a very simple subject in mind to be affordable and dependable.We established the S200 as a complement of this mainline inspection industry by enlarging the inspection range and lowering the price to be really affordable to small plumbing contractor companies in order to boot their inspections with minimum facility investment.The crawler has two size tires inside the package and its manual -adjustment camera-lift provides an easy access to wide range of pipe diameter from 200mm to 1500mm.

Operators don’t need specific training to be fully qualified to run the S200 system.It has all of your required functions and ever-changing requirements yet simple enough to operated by your old plumber-just like your personal computer. The simple control monitor can cut your employee training expenses sharply and help enlarge your revenues,thus the staff can do more work with this equipment.The monitor can be wireless controlled via the joystick within a distance of 20M,thus adds an inspection flexibility and guarantees that your staff can always undertake the inspection in a safe place.



Advantages and parameters

CRAWLER

- For 8" to 59" lateral sewer mainlines.
- Steerable to traverse bend pipes and navigate over obstacles.
- Manual controlled camera-lift to ensure the camera head in the center position of the pipe.
- Two sizes tires inside the package.
- 4-wheel drive can travel forward,reverse and turn around.



(SD9902F Crawler)



(SD9992DII LCD Monitor)

Camera Head

- Camera sensor: 1/4"540TVL Sony CCD
- Sensitivity: 0.01 LUX;Capable of working in the dark
- Zoom:120 times (10X optical, 12X digital)
- Illumination:4*10w High brightness LED lights
- Rotation: 360°pan, 270°tilt
- Auto leveling;Auto focus
- 55Working temperature: -20 °C~55 °C
- Diameter: 90mm
- Weight: 2.2KG
- Waterproof level: IP68

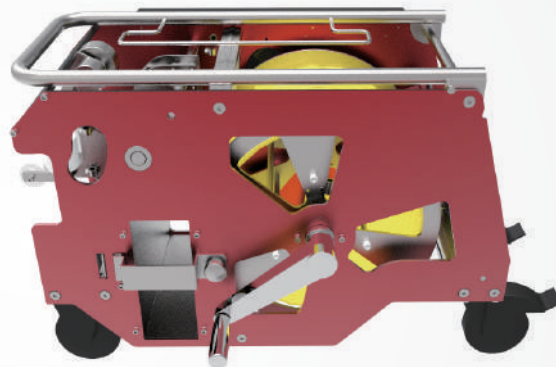


LCD Monitor

- 12.1" sunlight viewable touch control LCD
- Record inspections to 64GB SSD
- Water-proof standard:IP53
- All featured software regulates crawler motion,cable reel winding up and persistently measures pressure,slope and distance,ect.
- Size:L426mm*W266mm*H52mm

SD9991E+ Cable Reel

- Optional manual or auto cable winding up component;
- Material: Aviation aluminum+PC plastic
- Meter-counter:Distance constantly displayed on screen;erro<10cm
- Waterproof: IP53;
- Reinforced semi-rigid cable;Load capacity:150KG.OD:9mm
- 120m standard cable length(100-300m customizable)
- Size: 70cm*44cm*48cm
- With emergency stop switch



(SD9991E+ Cable Reel)

Optional Parts

Supply No.	Name	Features
ZCDJ05009	Backup Battery	48V 20AH
ZCDJ03020	Rear View Camera	540TVL
	Tires	230mm
ZCDJ05013	Guide Wheel	