

Pipeline Inspection Camera Systems

Colourprobe 3001 Crawler Pan & Tilt Pipeline Inspection System

Pan & tilt inspection system for surveying pipes from 150 - 1000mm, DVR records onto USB memory sticks, 110 - 240volt mains or generator, 200 metre cable as standard (additional lengths available to order), text and on-screen meterage with optional inclinometer module for gradient measurement.

This is a complete system which includes:

The **Control Unit** is supplied in a durable PELI type case and is lightweight and easily portable. All the controls for operating the system are incorporated into the control unit with a compact 78-key qwerty keyboard, along with a text generating system and 10.4" TFT monitor, and coloured control pads for Camera, Crawler, Lights and DVR operation.

The **Pan and Rotate Inspection Camera** can be mounted in various positions on the Crawler. The whole camera and crawler system has been kept as short as possible to allow easy access to the pipe via the manhole. A range of wheels and spacers provide inspections from 150mm diameter to 1000mm diameter pipes.

The **Crawler** is fitted with a powerful 150W 48V DC Motor, fitted to a 42mm diameter planetary gearbox. This gives a maximum output torque of 15Nm. Drive to the axle is via a 3:1 bevel gear set and conversion to 4WD via chain and sprockets. The crawler comes complete with a fitted Pan and tilt camera, and fitted wheels for 150mm and upwards pipe inspection.

The **Cable_Drum** has a maximum capacity of 200 metre cable as standard (additional lengths available to order) and is a manual hand wind, and layering system. It incorporates a slip ring assembly which allows for continuous operation, with no interference on the monitor. Using a ¼ metre cable counter wheel and encoder, it measures the amount of cable being used to give an accurate position of the camera/crawler. This information is displayed in the text generator on the monitor.



Shown with optional pneumatic tyres



WinCanV8
Compatible

- Brass and Stainless steel bodied 4-wheel drive crawler
- Forward/Reverse crawler variable speed knob to drive from standstill to maximum speed
- 4 Wheel drive via chain and sprockets
- Set of instructions

