

"The Standard of the Industry"



PROSCOUT II & III, SELF-UPRIGHT Portable Mini Cameras



ProScout II



ProScout III



Self-upright

The CUES ProScout II, III, and self-upright cameras can be utilized in various system configurations (refer to the Mini-camera Matrix). Designed to be compact in size, the mini-cameras can be inserted through clean outs as small as 2" in diameter. The camera and configuration you select depends on pipeline size, construction, conditions and the equipment available with your system. Propulsion choices include pushing, pulling, transporters and crawlers. The mini-cameras versatility and reliability have firmly established it as the "Industry Standard" for portable pipe inspection systems.

Features & Benefits: ProScout II & III Cameras

- Color cameras include lightrings to illuminate pipeline interiors from 2 to 10 inches in diameter.
- Cameras are able to pass through a short 90-degree turn or a single tee connection in 4" pipe with the end connector and cable in place!
- 460 lines horizontal, 400 lines vertical resolution (NTSC) 450 h x v 450 (PAL); higher resolution means sharper pictures with greater details
- 379,392 picture element solid state sensor 768 h x 494 v (NTSC); the greater number of picture elements, the more detail is displayed in the picture
- 437,664 picture element solid state sensor 752 h x 582 v (PAL); low lux sensitivity provides better pictures with less light
- 3 lux minimum sensor illumination sensitivity; no sensor distortion means clearer pictures
- Interchangeable color or black and white camera heads; interchangeable camera heads provide the "best picture" possible for any application
- PS3 Diameter: 1.5" x 3.5" long
The ProScout III unit is equipped with a centering ball skid for use 4 inch to 6 inch pipe that mounts directly to the camera housing; the skids are designed for easy removal and replacement. The PSIII unit also includes a lighthead containing 12 light emitting diodes equaling 78 foot candella to illuminate pipeline interiors from 2" to 10"
- PS2 Diameter: 2.25" x 3.8" long
The ProScout II unit is equipped with a stainless spring steel skid set for 3 inch to 6 inch pipe that mounts directly to the camera housing; the skids are designed for easy removal and replacement. The PSII unit also includes a front lightring with 4 lamps. The lamps are the incandescent-type to illuminate pipelines from 3 inches to 10 inches in diameter; the individual lights are field replaceable.
- Minimum pipe size: 2"

Features & Benefits: Self-Upright Camera

The self-upright small diameter pipe color television camera is specifically designed to operate in 2" to 10" pipe and negotiate multiple bends while maintaining an upright camera position.

- Camera is able to pass through a short 90-degree turn or a single tee connection in 4" pipe with the end connector and cable in place!
- The unit is equipped with a centering ball skid for use 4 inch to 6 inch pipe that mounts directly to the camera housing; the skids are designed for easy removal and replacement.
- The unit is sealed at the factory to prevent damage or leakage.
- Includes a lighthouse containing 12 light emitting diodes equaling 78 foot candella to illuminate pipeline interiors from 2" to 10"
- Diameter: 1.5" x 2.75" long without the connector assembly

OPTIONAL EQUIPMENT

- Optional large pipe adapter to inspect pipe diameters over 6 inches.
- Optional built-in locator/receiver to help expand the role of your portable system. A sonde, built into the mini-camera, is available to help accurately locate the camera in metallic and non-metallic pipes. The sonde can operate with any constant tone, 512Hz locator/receiver.
- Optional external light for 15" through 30" mainlines
- Adapter to use with self propelled transporter
- Adapter to use as push camera with truck mounted system
- Skates for push inspection and skids for towing



ProScout III & Self-upright cameras can be used on the Inspector General, MP2020 and LAMP units!

ProScout II, III, & Self-upright Camera Matrix			
Type of System / Equipment	ProScout II Camera	ProScout III Camera	Self Upright Camera
Mini Push 20/20	Yes	Yes	Yes
Inspector General	Yes	Yes, with translator	Yes, with translator
LAMP (Lateral and Mainline Probe)	No	Yes	Yes
ProScout System	Yes	Yes	Yes
Skids	Yes	Yes	Yes
Light Bulbs	Field Serviceable -qty. 4	Long-life white LED lighting	Long-life white LED lighting
Lens	Manual Focus	Fixed focus	Fixed Focus
Construction	Black anodized aluminum	Stainless steel & aluminum	Stainless Steel and aluminum
Over-voltage Protection	No	Yes	Yes