

PROSCOUT

Portable Mini-mainline System

The ProScout is a portable, light-weight, safe and easy-to-use lateral inspection system that also provides a cost-effective solution to help expand your inspection system for mainlines up to 24" in diameter. The ProScout combines high resolution, true image and exceptional depth of vision for superior picture quality in any application, including ducts, pipes, conduit, chimneys, shallow wells, and bore holes. Designed to be compact in size, the ProScout can be inserted through clean-outs or bends as small as 2". Propulsion choices include pushing, pulling, and camera transporters.



Features & Benefits

The camera information provided on this brochure pertains to the ProScout II camera. CUES offers two additional mini-cameras that can be used with the ProScout System. To learn more about the ProScout II, III, and Self-upright cameras, contact your Regional Sales Manager.

- Camera includes a lighting to illuminate pipeline interiors from 2 to 10 inches in diameter.
- 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!
- 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
- 9" color monitor provides greater picture detail for more accurate problem evaluations; the monitor is a 9" solid state color unit, NTSC standard
- The combination Mini-Cam control system and color monitor is contained in a metal cabinet
- The unit includes a soft fabric (nylon) carrying case with hand and shoulder straps to easily transport the unit in the field; the carrying case is designed to store the optional video titler keyboard.
- The weight of the combination power control/monitor does not exceed 60 pounds and operates from a 120 volt AC/60Hz power source
- The unit is equipped with a low/high light switch to use the standard lighting system for small pipes and an optional lighting system for larger pipes
- The video response is in excess of 350 lines
- The front control panel contains the power switch, vertical hold, tint, color, brightness and contrast controls

PROSCOUT

Base Components and Optional Equipment

Pro Scout System Base components include:

- Inspects 3" to 6" lateral lines with multiple bends
- Power control unit with built in 9" monitor
- Color mini camera
- Built-in light ring
- Wheeled push reel with 200 ft. video /push cable
- Field replaceable bulbs
- Carrying case
- Push skids for 3" through 6" lateral inspection

Optional Equipment:

- Can be expanded as a push or pull system for mainlines
- Skids (pull), skates (push), and lighting for 6" through 30" mainlines
- Mechanical footage meter
- ProData on screen footage, titler, report print
- Report generation on disk with programmable defect codes
- Expandable to operate pan and tilt cameras
- Expandable to operate with all CUES Ultra Shorty / Ultra Shorty 21 Transporter models
- Wheeled Dolly / 500 ft. / 1000 ft. video cable for pull inspection
- Wheeled push reel can contain up to 400 ft. push cable
- Industrial 6 head VCR
- Camera can be mounted in the optional large pipe adapter to inspect pipe diameters over 6 inches.
- CUES offers an optional built-in locator/receiver to help expand the role of your portable system.
- The Pro Scout III camera and auto-upright cameras offer an optional built in sonde to determine camera location in metallic and non-metallic pipes. The sonde can operate with any constant tone, 512Hz locator/receiver.

