

LAMP



LAMP Lateral & Mainline Probe

The self-propelled LAMP accomplishes a one-pass pan & tilt inspection of the mainline ranging from 6" through 24" diameter, with a simultaneous inspection of the adjacent lateral services up to 80 ft.! Equipped with two high resolution cameras, the LAMP picture-in-picture feature enables the operator to monitor the pan & tilt inspection of the mainline and launch a camera from the mainline to inspect the adjacent lateral service. LAMP is an essential inspection tool for identifying infiltra-

tion and inflow, solids accumulation, root infiltration, pipe defects, and the structural condition of lateral services and mainline sewers! LAMP can be used in the horizontal boring industry for precisely locating lateral services, avoiding costly damage to the existing infrastructure during the boring process. LAMP can also be used to verify the quality of rehabilitation processes such as lateral and mainline relining and spot repair. The system can be mounted in a truck or retrofitted to most existing truck-mounted CCTV systems.

Accomplish a one-pass mainline inspection with a simultaneous adjacent lateral inspection!

Features & Benefits:

Pan & Tilt Camera and Lateral Inspection Camera

- Pan & tilt inspection of mainline with simultaneous inspection of lateral service
- Pan & tilt inspection of 6" through 24" diameter mainlines
- Lateral inspection of 2" through 6" diameter services
- Both camera dimensions = 1.5" diameter x 3.5" length
- Centering ball for lateral camera - maximizes protection and passage
- White LED lighting for both cameras, life expectancy rated at 5000 hours
- Self-propelled camera launcher contains pan & tilt camera and lateral camera
- Low lux cameras - light sensitive to .3 lux at F1.2
- High resolution cameras - great clarity of detail
- Optional sonde and camera locating receiver; optional self-leveling / auto upright lateral camera

LAMP Controller

- Variable light intensity for mainline and lateral cameras
- Rotation control for launcher
- Joystick control of extend/retract with variable speed for the lateral camera
- Joystick control of pan & tilt camera
- High voltage and over current LED indicators to protect all equipment



LAMP Controller



"The Standard of the Industry"



LAMP

Features & Benefits continued

Lateral/Mainline Self-Propelled Camera Launcher

- Launcher is self-propelled with forward, freewheel, and powered reverse - 60 ft. per minute maximum forward speed
- Lateral camera launches, extends, and retracts at a maximum speed of 30 ft. per minute.
- Displays mainline and lateral footage on screen and videotape
- Launcher optically centers the camera in the pipe above most flow and debris lines
- Launcher contains variable weight extenders, which increase weight [traction] and bottom clearance as pipe diameter increases
- Launcher rotates to position lateral camera for entry, monitored by pan & tilt camera and picture-in-picture video display
- Robust 83 ft. combination push/video cable for lateral camera enclosed and protected by a stainless steel sheath
- Length of launcher with pan and tilt camera and lateral including connectors is less than 37" long

Lateral/Video Cable Reel

- Storage for integrated lateral/video cable
- Variable speed control with clutch for easy retrieval of integrated lateral/video cable

Optional Equipment

- Stand-alone controller
- A sonde, built into the lateral 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
- ProScout III or Self-upright interchangeable color mini-cameras

