



THE PATH FINDER

Portable Main-line system

**From 5" - 24" (inches) Dia Pipes
Pulls 1000 feet of Cable**

Portable Pathfinder Package

This Pipeline Inspection Color Television System is designed for internal pipe inspection of sewer lines, water mains and utility ducts. The basic system has camera, lighthead and cabling capability for 5" thru 24" diameter lines up to 1,000' long working manhole to manhole. High resolution camera module and high intensity lighting let you see details that other cameras miss. Brushless drive motors and electronic clutches in the tractor yield longer life, less maintenance and maximum power in a minimum size.



ZOOM CAMERA BACK VIEW CAMERA TILT & ROTATE CAMERA CONTROL UNIT

Pathfinder System Control Unit with the following built in components:

- 1 - 10.4" LCD monitor
- 1 - Set of video recorder audio and video jacks
- 1 - Hand held camera, tractor and reel controller
- 1 - Lighthead intensity control
- 1 - 240V AC power input GFI protected plug with cord
- 1 - Multi-function system diagnostic test meter
- 1 - 240V AC duplex GFI protected outlet
- 1 - Video Data Display and Report Writer System with:
- 1 - Alphanumeric full "QWERTY" keyboard

Pathfinder Zoom multi-conductor, pan and tilt radial view, LED-illuminated, zoom, color sewer TV camera, consisting of:

- Maintenance-free directional camera LED light system for 6" to 72" pipes and ducts.
- Built-in diagnostics system to monitor camera operating conditions.
- Camera storage and transport case.
- Spare parts kit.

Camera features include:

- 360° continuous axial rotation
- 300° pan & tilt rotation
- 40X zoom (10X optical & 4X digital)
- Automatic or remote adjustable focus
- Automatic or remote adjustable iris
- Automatic home feature with forks at side of camera head
- Automatic white balance circuitry
- PAL color imaging module
- SMARTEK internal diagnostic system
- 0.1 Lux low-light STARLITE mode



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The **PATH FINDER**
Main Line CCTV System



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PE3300 Pathfinder series pan and tilt camera w/ high intensity LED lighting, consisting of:

- 1 - Pathfinder pan and tilt camera w/ 360° continuous rotation
- 1 - Maintenance-free directional lighting system with 48-LED lighting for 5" to 24" pipelines
- 1 - Fast-check pressure monitoring system
- 1 - PAL color imaging module
- 1 - Spare parts kit
- 1 - Camera/tractor storage and transport case.

Camera Pan and Tilt Angle and Rotational Viewing Joystick Controller for 360 degree Side View, 240 degree Pan and Tilt Angle with Remote Focus and Iris Control of both cameras.

1 - Test cable, Pathfinder system

1- Pathfinder tractor for 5" to 24" pipelines, to include the following:

- 1 - 512MHz locating beacon, removable
- 1 - Dual internal high performance LED lighthead
- 1 - Rear viewing camera with LED lighting
- 1 - 5" diameter tire set w/ extended hub assembly
- 1 - Fast-check pressure monitoring system
- 1 - Tractor power supply module, Saturn case mounted
- 1 - Auxiliary steerable tractor interface box
- 1 - Hand held Pathfinder series tractor controller
- 1 - Manual camera lift
- 1 - 3-3/8" diameter tire set
- 1 - 4-3/8" diameter tire set
- 1 - 5" diameter tire set

1 - High performance LH330 lighthead w/ integral 512MHz locating beacon.

1 - Omega video data display and report writer system with:

- Data display control module, Saturn case mounted
- Alphanumeric full "QWERTY" keyboard for video titling and report data input (must be built in control unit for storage safety)
- Ink jet printer

1 - Digital Video Recorder 100 Gig, plug in and off (Portable DVR)

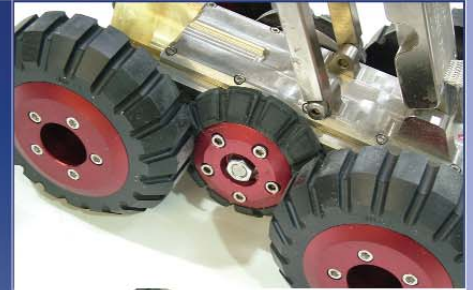
1 - Pathfinder cable reel assembly, to include:

- 1 - Electric motor and clutch assembly, 240V, 50Hz
- 1 - 1,000' of lightweight multi-conductor cable
- 1 - Outrigger cable guide assembly
- 1 - Emergency hand crank
- 1 - Cable, reel to auxiliary steerable tractor control unit
- 1 - Cable reel, shipping crate
- 1 - Remote reel controller
- 1 - Pathfinder wheeled hand cart

1 - Maintenance tool kit

2 - Sets of parts operations, and maintenance manuals

1 - One-year warranty.



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