

CAMERA

Orion-L Zoom Navigating Pan & Tilt Push Camera

Guided satellite camera for pushrod operation for 100 mm pipes
Positionable in laterals with guide rod (panning function)
LED lighting
Picture right side up in pushrod operation, auto home, continuous rotation
Pan and Tilt Zoom (3x digital) camera for 4" and up pipelines
Wide angle of view = 90°
Higher resolution and significantly improved picture quality
Auto-uprighting, LED Lighting and Transmitter for locate
Navigate through "T"s and bends in pipe
Integrated detector transmitter, pipe guide and transport box

ORPHEUS Pan and Tilt Camera With Zoom With Case

For camera tractor operation on KRA75 or KRA65
LED lighting
Automatic reset, continuous angle of rotation
Integrated detector transmitter and transport case
10x Optical zoom, 4x digital zoom
Dual diode laser measurement
Pressure Test Set for JUNO/ORION/ORPHEUS, hand pump with air dehumidifier and pressure gauge

CAMERA TRACTOR

T76 Steerable Large Camera Tractor

For operation in 6" pipe or larger
For installation of ORION, JUNO, or OPHEUS CAMERA
Steerable Camera carriage with Auto Tilit Compensation (ATC)
Test adapter, lowering claw ASG5
Maintenance tools and Bolt Set
Wheel set 86 for 5",6",8",10" pipe
Applicators for Wheel Change
(2) sets of rubber tires for each wheel size
Camera Base Module for T76 Tractor (Required for operation of T76 as mainline tractor)
Includes integrated transmitter for location
Remote Elevator for T76 (Raises the camera to allow centering in pipeline)
Lifts camera above water line in pipes with flow
Small Pneumatic Tires (set of 4) for T76/86/PANORAMO/LISY (Grey)
Granulated Wheel set RAD 100-4 for PVC

Granulated Wheel set RAD120 for PVC
Granulated Wheel set RAD150 for PVC
Axle Extenders for T76 and LISY 150
Tool Set for T76

**Tractor Lowering Hook With Quick Disconnect
LISY-3 Synch Lateral Launch Module Package**

Without camera or tractor
For inspection of laterals from mainline
LISY 3 Extension for T76/T86 Tractor (Required)
LISY Cable deflection pulley included
Synchronized lateral cable winch
Includes 500' mainline + 100' lateral push = 600' total

SYSTEM CONTROL UNIT

Control Unit Type BS3.5, Vehicle Mounted Control Panel (includes extension cable to the drum)

Remote Command and Control Center with touch screen color LCD panel
19" rack mount main control unit
Control of the camera and KRA functions
Two (2) multi-function joysticks
LCD display for operating functions
For permanent vehicle installation
10" color monitor with removeable anti dazzle shield
In and output of video signal
RS232 interface
Data display generator
Operating voltage 90-240 VAC
Integrated QWERTY keyboard
Computer rack for PC and BS5
Connection cable KT180/KW180 to BK3/BE3 for permanent installation
Length 16 feet

CABLE AND REEL

KW305 Cable Reel with Boom Work Light (1,000 Ft Stand Cable Only)

Synchronized cable extraction and retraction
Includes adaptor cable to BK and BE
Automatic level wind assembly
For operation from the operator's and rear sections of vehicle
Remote control unit
Swivel boom
Electric footage meter transmitter with rear display digital indicator
For 1000 feet of camera cable 524/11

Motor driven tractor lowering winch
Boom work light 12v/55W
Rack: KW reel cabinet with 2 aluminum sliding drawers
Camera cable – 1000 feet, Type 524/11 terminated with connectors, high strength,
2000lb. pull, Kevlar reinforced
KUV 5.5 cable deflection pulley for standard cable – New foot switch for winch (KW505
and KW305)

IBAK FACTORY BUILD-OUT (NOT JDS) ITEMS ONLY

Cut-away conversion with 14' box inspection vehicle for gas chassis
Rockport FRP CargoPort 14' box (dimensions: 14' x 8' x 6.5')
Side entry door with access step
Rear backup camera
Onan 5.5 Kw commercial genset – Gas
Walk-through design with partition wall and door
Sliding partition window
12 VDC fluorescent lighting
Aluminum plank flooring
13,500 BTU roof air conditioning
Exterior shore power package
Auxiliary battery and charging system
14-gallon pressurized wash down system
Carpeted walls in studio
Kemlite wall covering in work area
Rear snap-op tool cabinet
Laminate base cabinetry
Laminate overhead cabinets
Laminate countertops
Butcher block workbench
Safety strobe light
Rear directional arrowboard
Small sink in counter
15" monitor in work area
17" monitor in studio
Rear mounted awning

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Dual roof mounted 22-watt strobes installed
Hide-away strobe kit installed