

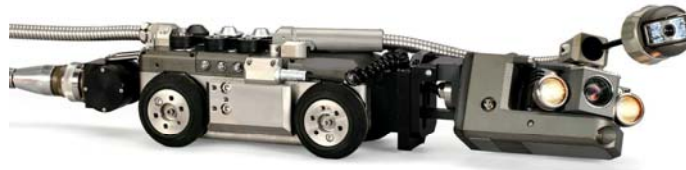
## **RAUSCH Electronics USA, LLC**

370 New York Avenue · Chambersburg, PA 17201 · Phone: (717) 709-1005 · Fax: (717) 709-1009

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### **SAT-Star Camera System for Mainline and Lateral Inspection**



#### Consisting of:

*Mainline Tractor SAT200 with Color Camera SK200ZP and Lateral Launcher KS60*

#### **Camera Tractor SAT 200ZP**

- Application range for mainlines: 8" - 48"
- Stainless steel tractor body, CNC-machined from a solid block
- Pressure tight up to 8 psi
- Two friction rollers for powerful drive of lateral camera cable
- Electronic lateral travel measuring via roller
- Foldable connectors, heavy duty industrial grade, military style
- Main camera body hinged for easier insertion
- Valves for Nitrogen pressure-charging
- Pressure sensor for permanent pressure check (leakage test); displayed on controls unit via LED
- Overall weight of entire camera system approx. 58 lbs
- Overall length of entire system approx. 35"

#### **Main Camera SK200ZP**

- Pan and tilt camera for positioning the lateral camera 300°swiveling, 540° rotation, 10-fold zoom, auto focus, automatic diaphragm
- Automated picture leveling (upright position)
- Resolution 752x582 Pixels
- Camera attached to tractor via hinge
- Pressure tight up to 8psi

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- Positionable with mounted lateral camera:  $\pm 95^\circ$  swivel and  $\pm 180^\circ$  rotation; enables insertion of the lateral camera in all radial directions
- Illumination 2 x 20 Watt Halogen,
- Additional illumination 2 x 20 Watt, pluggable (optional)
- Additional swiveling illumination, 2 x 20 Watt (optional)
- Pressure sensor for permanent pressure check (leakage test); displayed on controls unit via LED
- Camera tractor and main camera also to be used for just mainline inspection (lateral camera can be disconnected)
  
- *Optional: Camera tractor and main camera connects to the spot repair system Quick Lock, which pulls and positions a packer into the proper inner pipe location, then inflates and permanently sets a rubber-sealed stainless steel sleeve over the troubled spot(s).*

### **Lateral Camera KS60**

- Application range for laterals: 4" - 10"
- Anodized aluminum body
- Weight approx. 1.5 lbs
- Pan and tilt camera
- Infinite rotation, swiveling 300°
- 2.5" diameter
- 100ft special push cable, highly durable
- Overall lateral cable length approx. 420ft
- Camera with cable also useable as a manual push system
- Electronic manual focusing
- Automated picture leveling (upright position)
- Integrated camera locator, max. 20ft depth (Radio detection system RD4000 optional)
- Pressure sensor for permanent pressure check (leakage test); displayed on controls unit via LED
- Overload clutch protection for all axis
  
- *Optional: Lateral launch system interchangeable into a lateral jetting device!*