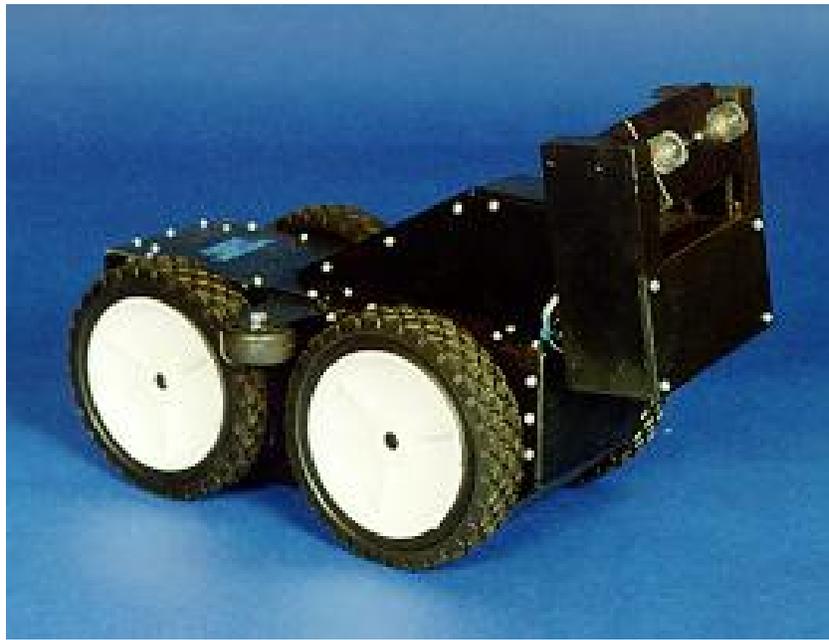


***Inspect Pipes***  
***with the***  
***Piper™ the Robot***

***A new tool for the Pipe Inspection Industry***



***Go where no man can go...inside the pipe***

***Oil, Chemical, Industrial***

***Simple to Use***  
***Laptop Included***

Live video images can be taped in real-time or individual images are stored on video tape. A laptop with image capture is included. The robot has 4 wheel drive and uses differential steering for direction control. The head that includes the video camera can rotate and tilt simultaneous to forward motion and control. The built in software can scan the head and video tape the inner walls in real-time. The robot is programmable by the user. The robot is lowered down vertical sections with the strong communications/pull cable.

## **Specifications**

### ***System***

- 1 High Resolution 450 TV line CCD Color camera with  
412,000 pixels 811x508 elements
- 1 Camera Tilt and Rotate Head
- 1 150 foot cable
- 1 real-time video camera link
- 1 RS232 9600 baud computer control link
- 1 Laptop computer including video digitizing and robot control software

### ***Onboard Computers***

- Two Motorola 68HC11 High Integration microcomputers
- 32 Kilobytes PROM
- 32 Kilobytes of battery backed RAM
- RS-232 Communication port
- One megabit per second network port

### ***Physical and Electrical***

- Size: 9 inch wide 13.5 high by 20 long inches
- Weight 22 pounds

### ***Includes:***

- 150 foot integrated communications/ pull cable
- Charger
- Technical manual
- Software disk

Price: \$12,500US

Terms 50% on order, balance on delivery  
4-6 weeks Delivery