

See Everything.

# Ratech

*Small Pipe Systems*

## PH Jr.®

*'PLUMBER'S HELPER JR.'*

**COLOR / BLACK & WHITE**

**Affordable**  
**Compact**  
**Lightweight**



Jr.

*Industry known as  
"The Plumber's Helper Jr."*



*"Affordable entry level system that maintains all of our high-end models' quality."*

Ratech's PH JR. small pipe inspection system is available with a **FULL SPECTRUM SELF LEVELING COLOR CAMERA, A STANDARD COLOR** or our **Black & White** camera at a very affordable price; maintaining all the quality of our high end systems.

The miniature color inspection camera measures just 1.375" Diameter by 1.85" in length and is capable of inspecting pipe diameters as small as 2" (straight runs) while also negotiating 90 degree bends in 3" and larger pipes and services.

The Black & White camera measures just 1.2" Diameter by 1.7" in Length. It is capable of inspecting pipe diam-

eters as small as 1.5" (straight runs) and will negotiate 90 degree bends in 3" pipes and services.

Lighting for both cameras is accomplished by high intensity LED lights producing a detailed color/B&W picture for easy analysis of problems found.

The PH JR. camera control unit (CCU) is a modified Hi-Res 9" color surveillance monitor with controls including a camera test terminal and video input/output for VCR recording and playback. It comes complete with an adjustable sun hood/protective cover.



optional self leveling

### INSPECTION CAMERAS

- Compact camera design - Color (1.375"D x 1.85"L) / B&W (1.2"D x 1.7"L)
- Cameras inspect from 2 - 12 inch pipes
- 512Hz In-Line transmitter
- Shock and water resistant optimized rugged camera module
- High sensitive CCD technology
- High intensity LED lighting with polycarbonate cover
- Scratch resistant sapphire lens viewing window
- Durable stainless steel housing
- Includes 2" sleeve and 3" finned skid
- Camera removal tool

### MONITOR / CAMERA CONTROL UNIT



- 9" Hi-Res industrial COLOR monitor with tilt stand
- Lights: variable intensity
- Camera test socket
- Camera input terminal
- Video I/O terminals
- Power: 110-130 VAC, 60 Hz
- Size: 11.0"W x 10.0"H x 14.0"D
- Weight: 18 lbs

### PUSH CABLE



- Combination push rod-video cable, 0.475"D with low friction polypropylene jacket
- Water-proof, dual jacket Gel Rod cable
- 200 feet (60 meters) standard length included (lengths up to 400' available)

### COILER

- Overall size: 32"H x 14"W x 27"D
- Slip-ring:sealed, continuous contact, maintenance free
- Weight: 45 lbs (w/ 200 ft. of cable) - Balance optimized
- Tough, durable powder coat paint finish



### Optional Equipment

- Self Leveling Color Camera
- 512Hz Receiver with depth readout (also available in Deluxe version)
- Monitor Carrying Case
- Roller Skid for 6", 8" and 10" straight runs

### Warranty

One year parts and labor against defects in manufacturing. Unit or system must be returned to factory for warranty repairs. Damage caused by user or carrier will not be covered under Ratech's standard warranty.

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