

See Everything.

Small Pipe Systems

Ratech

ULTRA MICRO[®]

COLOR / BLACK & WHITE

1" Color or 3/4" B&W

Miniature Camera

Affordable

Lightweight

MICRO



"A true miniature Color or B&W camera providing detail and portability all in one affordable system ."

Ratech is pleased to offer the **Ultra Micro** video inspection system in color or black and white. Developed as a low cost system, the Ultra Micro maintains the quality of our high end units in a small, compact, and affordable package.

The Ultra Micro color camera measures only 1" Diameter by 1.6" in Length while our optimized Black & White camera measures just 3/4" Diameter by 1" in Length. Due to its small size, the Ultra Micro camera is capable of inspecting pipe diameters as small as 1" (B&W) or 1.25" (color) straight runs and will negotiate mul-

tle bends in 2" pipes and services. Lighting is accomplished by high intensity LED lights producing an excellent detailed picture.

The control unit is a modified, high resolution 9" color surveillance monitor with rear mounted jacks that include camera input, video in/out jacks for recording or playback and fuses for camera, lights and AC line. The monitor includes a sun shield which doubles as a screen protector when not in use. A carrying case is also available as an option.

INSPECTION CAMERAS



- Compact camera design - **Color** (1.0"Dx1.6"L) / **B&W**(3/4"D x1"L)
- Inspects from 1 1/4 - 4 inch pipes
- Power: 12vDC
- High intensity LED lighting with polycarbonate cover
- Scratch resistant sapphire lens viewing window
- Durable stainless steel housing
- Includes centering skid

COLOR MONITOR / CONTROL UNIT



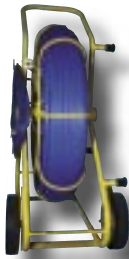
- 9" Hi-Res industrial COLOR monitor with tilt stand
- Lights: variable intensity
- Camera test socket
- Camera input terminal
- Video I/O terminals
- Power: 110-130 VAC, 60 Hz
- Size: 11.0"W x 10.0"H x 14.0"D
- Weight: 18 lbs

PUSH CABLE

- Combination Push Rod/Video Cable, 0.33"D with low friction polypropylene overall jacket
- Water-proof, dual jacket Gel Rod cable
- Standard Length 100 feet, (30 meters)



COILER



- Slip Ring: Sealed, Continuous Contact, maintenance free
- Overall size 20"H x 10"W x 20"D
- Weight: 15 lbs (w/100 ft of cable)
- Tough, durable power coat paint finish

Optional Equipment

- 512Hz Transmitter
- 512Hz Receiver with depth readout (also available in Deluxe version)
- Monitor Carrying Case
- Camera and Reel only to use with most existing Ratech control units

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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