

Weld Inspection Kit

Inspect The Interior Of Orbital Pipe Welds Thoroughly & Efficiently With This Compact, Turn-key Kit.



Compartmentalized Hardshell Case for easy transport and quick setup.

Integral Reel for tangle-free storage of inspection probe.



Lightsource/Video Combo delivers bright white illumination to probe, and outputs crisp color video.

Ergonomic Handset allows fingertip focusing, and maneuvers easily for quick inspection.

Digital Video Recorder captures high-res color video and still images, and displays real-time footage on a 4" LCD.



Character Generator makes titling and annotation simple.

Flexible Armored Probe reaches 25' into bending pipe.



Centered Inspection Tip rotates infinitely and rounds multiple bends.





Kit Specifications

| | Kit 415 | Kit 425 | Kit 625 | Kit 925 |
|-------------------------------|---|-----------------------------------|------------------------------------|-----------------------------------|
| Applications | 0.5" to 1" pipe up to 15' long | 0.5" to 1" pipe up to 25' long | 0.75" to 2" pipe up to 25' long | 1.5" to 3" pipe up to 25' long |
| Price | \$14,595 | \$14,895 | \$15,895 | \$17,895 |
| Tip Characteristics | | | | |
| Tip Diameter | 4mm / 0.16" | 4mm / 0.16" | 6mm / 0.24" | 9mm / 0.35" |
| Tip Length | 4500mm / 15' | 7500mm / 25' | 7500mm / 25' | 7500mm / 25' |
| Viewing Characteristics | 90 deg DOV • 55 deg FOV • 6 mm focal distance | | | |
| Optical System | fiber | | | |
| Tip Sheathing | tungsten braid | | | |
| Temperature Rating | -13 to +176 deg F | | | |
| Video Performance | | | | |
| Image Sensor | 1/4" IT CCD (NTSC or PAL) | | | |
| Sensitivity | 2 lux, F1.4 (AGC on) | | | |
| Scan System | 2:1 interlaced | | | |
| Scan Frequency | NTSC: 15.625 kHz (hor.) x 50 Hz (vert.), PAL: 15.743 kHz (hor.) x 50 Hz (vert.) | | | |
| S/N Ratio | >44 dB | | | |
| White Balance | full: automatic • manual: manual | | | |
| Gain | on/off; 0-18 dB adjustable | | | |
| Shutter | auto/manual up to 1/100,000 sec | | | |
| Illumination | | | | |
| Lamp Type | 24-watt metal halide | | | |
| Lamp Life | 300 hr (avg.) | | | |
| Lamp Color | 5500 deg K | | | |
| Dimmer | manual shutter | | | |
| Video Display Recorder | | | | |
| Display Type | 4" LCD | | | |
| Recording Media | MemoryStick or DV tape | | | |
| Capture | 640 x 480 video with MPEG1 compression | | | |
| PC Interface | USB/IEEE1394 | | | |
| Audio | 12/16-bit PCM digital stereo (requires microphone, sold separately) | | | |