

Weld-i®

470 TVL
NTSC
/PAL

iShot® Weld-i® 625 Automated Weld Monitoring System

iShot® Weld-i® 625 Weld Camera System saves resources and time by verifying the quality of automated welds in real time. This system combines a specially housed, high resolution color CCD weld camera with air or water cooling capabilities to allow it to withstand the punishing environments of automated welding. The camera is extremely compact and equipped with a drop in filter which allows for viewing during weld and non-welding modes. Illumination is delivered to the target during non-weld modes via an included fiberoptic light guide.

Features:

- Compact Weld Camera
- 5/8-inches in diameter and 3-inches in length*
- Super bright lighting and simple operation
- Saves resources and time
- Integral fiberoptic illumination
- Welding environments up to 500°F when using cooling unit
- Flexible mounting accessories permit attachment to machinery
- Optional right angle adapter
- High resolution CCD camera specially housed for durability



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iShot® Weld-i® Orbital Weld Videoscope Inspection System

Inspect the interior of orbital pipe welds thoroughly and efficiently with the iShot® Weld-i® flexible and non-articulating video bore-scope weld inspection system. The outer diameter measures 6mm with a length of 7.5 meters (24.6 feet) and a 70 degree FOV. The 90 degree adapter provides a DOF of 12mm to 57mm. **EM18094**

Features:

- 6.0mm diameter, 7.5 meters in length
- 70 degree FOV
- DOF - 17mm to infinity
- DOF with 90 degree adapter: 12mm to 57mm
- Centering device kit includes 6 diameters; (1, 1.5, 2, 2.5, 3, and 4 inches)
- Portable, hand-held 5 inch LCD monitor
- Features a mini CMOS camera with fiberoptic illumination providing more light than tip-mounted LEDs



iShot® Weld-i®

Weld Camera Series



Monitor MIG, TIG, GTAW, Stick and SUB-ARC Automated Welding Processes with our Industrial, High Quality Weld-i® Camera Systems



Weld-i®

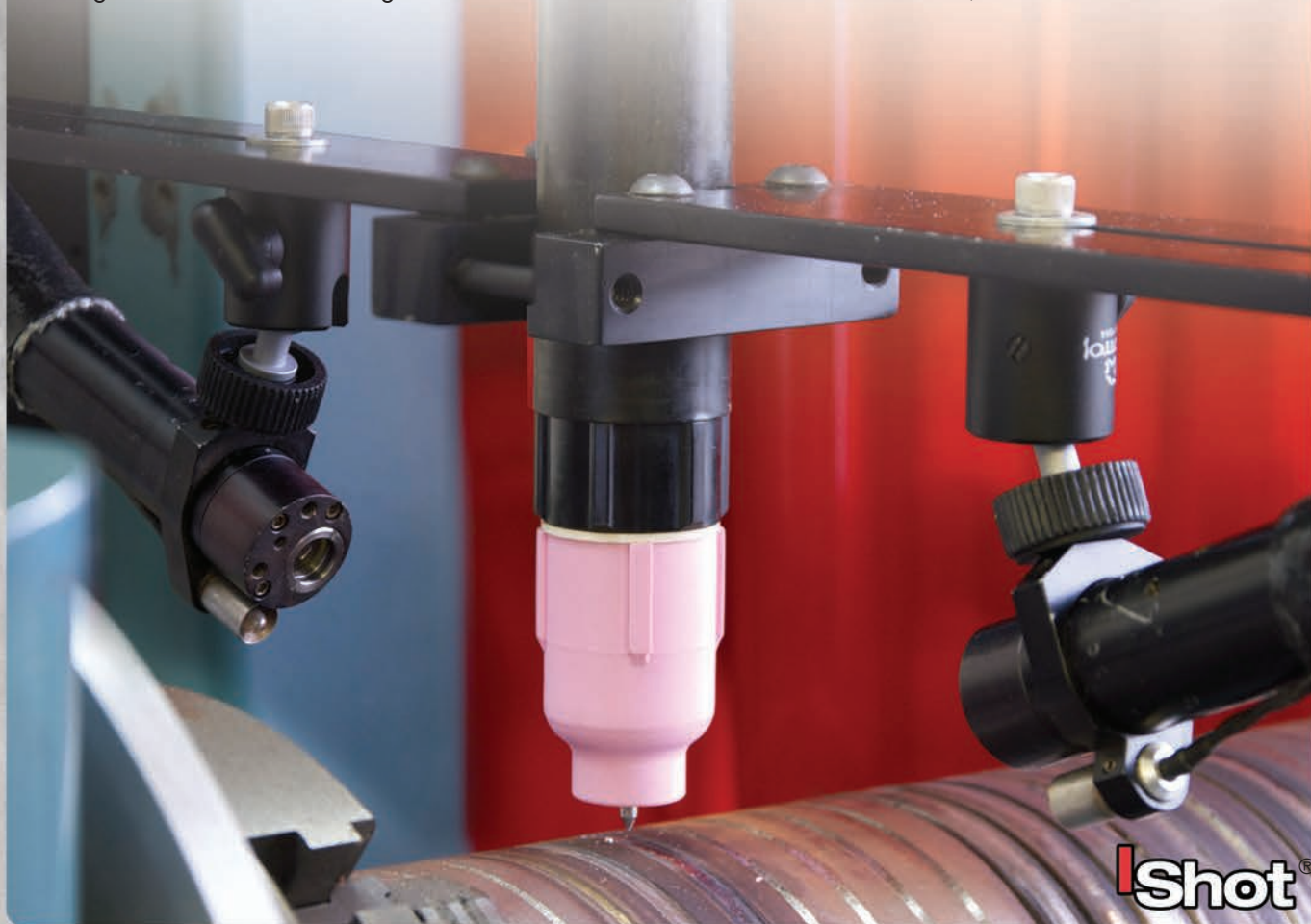
480 TVL
NTSC

iShot® Weld-i® 1000-S Weld Monitoring Camera System

Save resources and time by verifying the quality of automated welds in real time with the Weld-i® 1000-S Weld Camera Monitoring System by iShot® Imaging. This inspection system is a high resolution color CCD weld camera housed in an air or water-cooled housing that withstands the harsh, punishing environments of automated welding. A variety of optical filters block bright arc light to allow an operator to see the torch tip and the weld pool during the welding process. This unique system provides the opportunity to perform live weld analysis and improve quality control.

Features:

- 1-inch diameter x 3.3-inch length* aluminum housing
- High resolution color CCD weld camera in an air or water cooled housing
- 400°F temperature limit
- Interchangeable optical filters for live arc viewing
- Remote focus and iris control
- Auxiliary lamp for easy set up and targeting
- Variety of lens options for different picture magnifications and focus ranges
- Camera mounting accessories are available for online machinery attachment
- TIG, MIG, Stick, GTAW weld viewing capability
- NTSC 480 TV Line version of the remote CCU
- 1/4" CCD Sensor
- Composite & Y/C Video output
- Active Picture Element of 768 (H) x 494 (V)
- Rugged carrying case included
- PAL version is available, call for details



iShot®

Weld-i®

Full HD
1080

iShot® Weld-i® SAW Sub-Arc Welding Monitoring System

The iShot® Weld-i® SAW camera system is a compact weld monitoring camera system (3.400" Length x 1.250" Ø) that has capabilities to verify torch positions, wire feed orientation and welding part alignment during the Submerged Arc Welding process. This camera system uses a 1080p/30fps HDMI video signal with generated cross-hairs on a Full HD monitor to ensure the operator that the automated and live SAW process is running to specifications.

Features:

- Compact camera size, 1.25-inches in diameter x 3.4-inches in length*
- Positioning alignment with on screen cross-hair system
- A live view and verification of the torch, wire feed and part orientation of the sub arc welding process
- Full HD 1080p/30fps video output
- 16x zoom, 13 megapixels still frame picture capture
- Image Flip or Mirror/Manual Shutter Focus and Zoom Control/Image Stabilization
- One Push Auto Focus/Auto Exposure
- LED illumination
- 10, 25 and 50-foot cable length options with protective sheathing



iShot®

Weld-i®

Full HD
1080

iShot® Weld-i® Full HD Zoom Weld Monitoring System

View and record the torch, puddle, and seam of the weld in Full HD. Zoom in to view the weld process at a safe distance—protected from the harsh conditions of the welding environment. The iShot® Weld-i® HD 10x Zoom camera captures a Full HD picture with 3G-SDI output of the live weld process by blocking out the harmful UV light of the arc. The onboard optical filters with the camera's Wide Dynamic Range processing technology allows the system to see clear detailed images in the high-contrast weld environment. **EM19191**

Features:

- 4.88 L x 2.54 W x 2.28 H inches*
- Auto focus, 10x optical zoom (12x digital zoom)
- Wide 120dB dynamic range
- 3G-SDI video out, Full HD 1080/60p (1920 x 1080)
- Filter and protection shield mount
- 1/4-20 housing mount
- Housing - Indoor IP-40 rating, powder coat finish
- 25' Power, 9 Pin D SUB Control and BNC Video Cables
- Push button controller for camera functions and LED control (LED Illumination Kit sold separately)



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