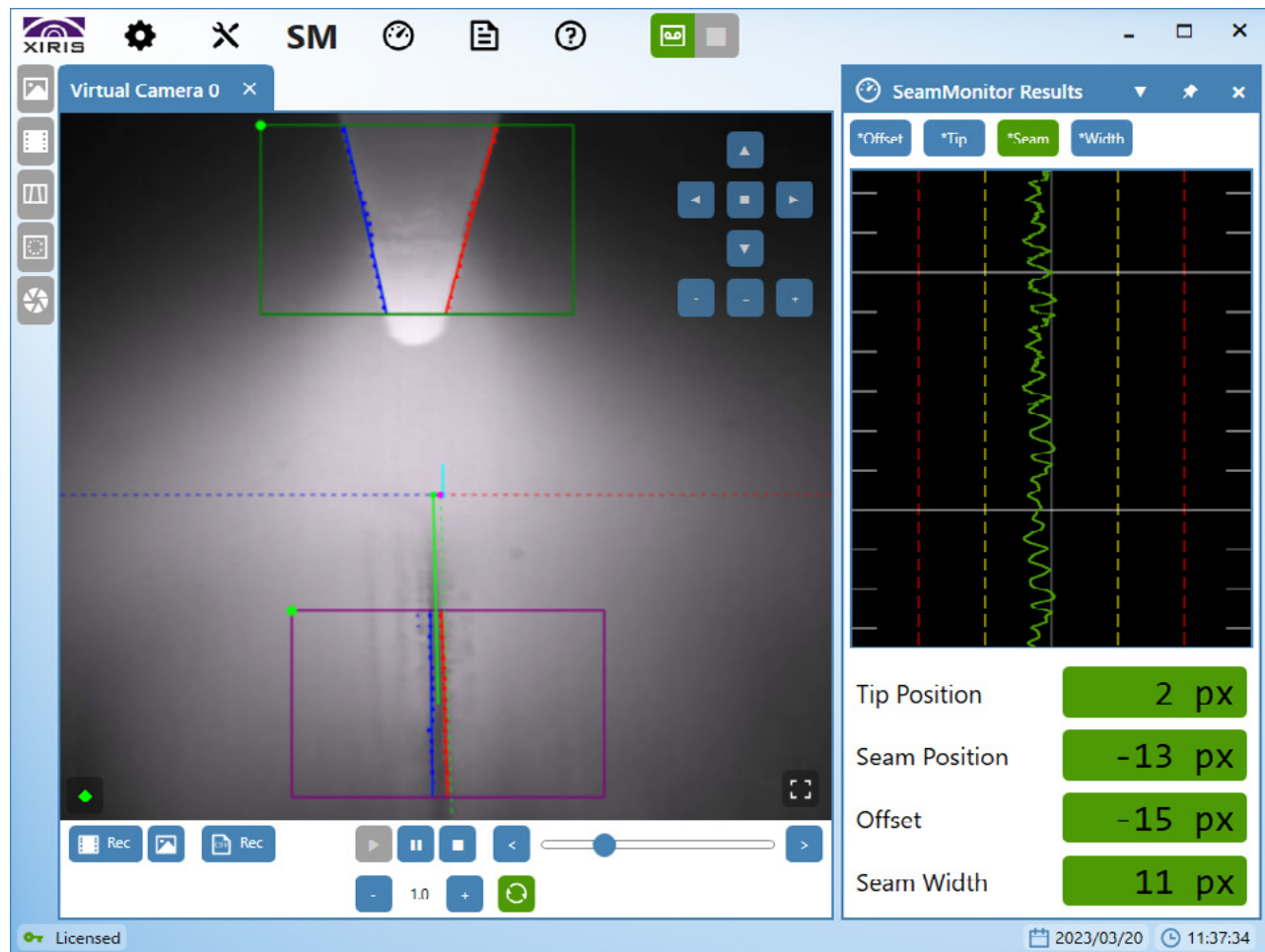


Better Images. Better Decisions. Better Process Control.

The **Xiris SeamMonitor™** is an application-specific Add-On to WeldStudio™ 3 Pro for monitoring GTAW Tube Mills for measuring the alignment of the weld seam to the TIG torch, and the size of the weld seam gap.

It can be used with any Xiris open arc weld camera and can include several accessories for integration into new or existing TIG tube mills.

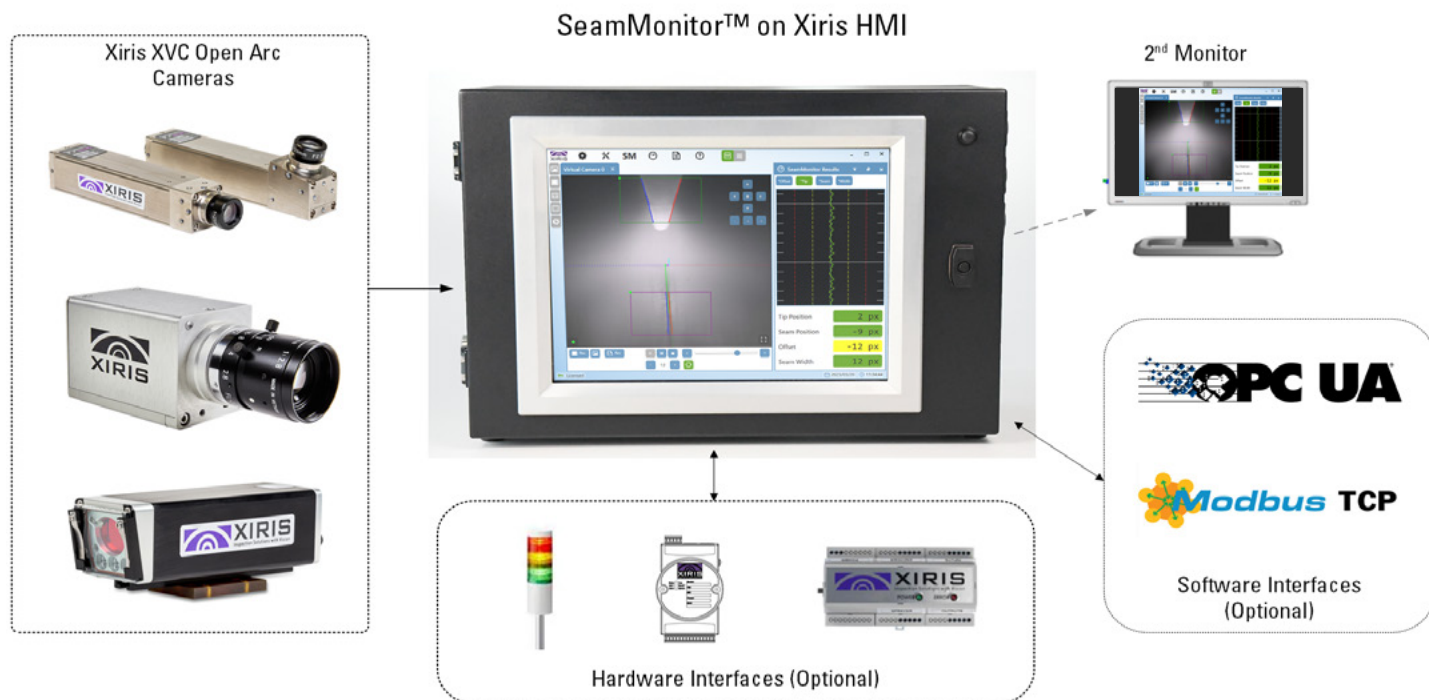


SeamMonitor™ - Graphical User Interface

Benefits

- Provides objective measurements of the TIG weld torch-to-seam alignment and automatically alerts operators when out-of-tolerance weld conditions occur.
- Improves operator health and safety by providing an exceptionally clear view of the process at a safe distance from the weld.
- Ensures quality and traceability of weld inspection using real-time monitoring, logging, and process measurements.
- Easy integration with several interface methods for alarming and process monitoring with other equipment.

System Configuration



Camera Specifications

Supported Cameras	XVC-700/710 XVC-1000/1100 XVC-1000e/1100e	SeamMonitor™ Measurements	Offset, Weld-Tip Position, Seam Position, Seam Width
Number of cameras for SeamMonitor™	One camera only. (Additional cameras can be connected and used in WeldStudio™ 3 Pro)	Operating System	Windows 10 (64 Bit) or later
Data Interfaces	OPC-UA (Client) Modbus-TCP	Software	WeldStudio™ 3 Pro is provided with purchase of SeamMonitor™
Analog Interface Module	2 x Channels with validation and 4x Digital Inputs ±10 VDC, 0-0 VDC, 0-20 ma	Light Tower (Optional)	Red, Amber, and Green
PLIM Digital Interface (Optional)	4 Digital Inputs and 4 Digital Outputs (24 V) Encoder Input Interface Marking system Output	PC Hardware	Intel i5 Gen 8 with +2 Ghz base speed, +8 GB RAM and SSD 1 Gbps Intel Ethernet NIC

Please contact your Xiris sales representative for further information.



Xiris Automation Inc.
5046 Mainway, Unit 2
Burlington, Ontario, Canada L7L 5Z1
T: +1.905.331.6660 F: +1.905.331.6661
E: sales@xiris.com www.xiris.com

Xiris Automation GmbH
Holterkamp 18
40880 Ratingen, Germany
T: +49.2102.126.3835
E: sales@xiris.eu www.xiris.com