



ArcView3

A perfect view of the weld pool

Featuring up to 70 frames per second and built-in laser illumination, **ArcView3** minimizes glare from the arc for crystal-clear monitoring in real time. Whether you opt for a solution that's standalone or seamlessly integrated into the Fronius Polaris control system—you'll be ensuring consistent weld quality based on comprehensive documentation and precision monitoring of the weld pool.

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Process visualization

The innovative laser illumination system and rapid, high-resolution image sensor provide a direct view of the weld pool—with no distracting glare from the arc.



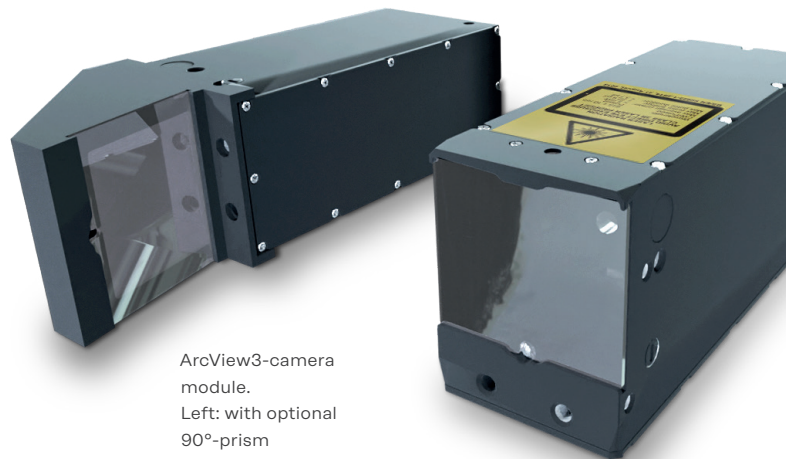
Pinpoint flaws, minimize rejects

Save on materials, time, and rework by detecting process deviations in real time—so you can make corrections on the spot while welding.



Data-driven approach for better results

The option to record the welding process gives you valuable data for quality assurance and process optimization.



ArcView3-camera module.
Left: with optional 90°-prism



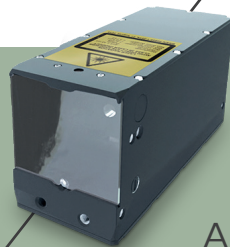
Built for continuous use

A robust design and efficient water cooling option make the camera perfect for continuous use in industrial settings.



ArcView3 Standalone

- 21" control panel with integrated camera control
- Up to 2 cameras possible



ArcView3 Polar

- Integrated into the Polaris control panel
- Supports up to two cameras



Configurations

Technical data

ArcView3 camera module

Max. image resolution	1440 x 1080
Max. frames / second	70
Distance range	150–300 mm / 5.91–11.81 in
Field of vision	
at working distance of 150 mm / 5.91 in	28 x 21 mm / 1.10 x 0.83 in
at working distance of 200 mm / 7.87 in	40 x 30 mm / 1.57 x 1.18 in
at working distance of 250 mm / 9.84 in	51 x 38 mm / 2.01 x 1.50 in
at working distance of 300 mm / 11.81 in	62 x 47 mm / 2.44 x 1.85 in
Dimensions l x w x h	112.9 x 38 x 48.2 mm / 4.44 x 1.50 x 1.90 in
Weight	350 g / 0.77 lb
Laser class	3R
Cooling options	Active air or water cooling

