

HANDHELD WELDING QUALITY MANAGEMENT SYSTEM

Wiki-SCAN 2.0™

NEW!



NEXT GENERATION

**IoT
READY**

SERVO-ROBOT

Wiki-SCAN 2.0™

HANDHELD WELDING QUALITY MANAGEMENT SYSTEM THAT SAVES COSTS AND TIME!

Wiki-SCAN 2.0™ is a unique welding quality management system that accurately inspects weld joint preparations, joint fit-up and weld bead geometry ensuring the reliability of the welding process. It provides measurements of many features, from leg size to undercut, as well as measurements of critical parameters such as root and face opening, gap, mismatch and bevel angles. Wiki-SCAN 2.0™ reduces redundant inspection operations, unneeded repairs and over-welding, shortens inspection time and saves costs. Comprehensive immediate objective reporting and wireless communication allow for efficient data management and quality control.

NEW!

MOBILE CONNECTIVITY WITH THE WIKI-SCAN 2.0™ MOBILE APP AND SCREEN SHARING

- Objective results and improved reliability
- Simple intuitive icon based interface
- Helpful video tutorials on Wiki-SCAN 2.0™ common functions
- Customizable Go/No-Go settings
- Immediate measurement results with laser based inspection
- Removable encoder for reliable data collection on long welds
- Automatically created inspection reports
- Transferring of inspection results over Wi-Fi or USB
- Fast charging of Wiki-SCAN 2.0™ over USB

NEW & IMPROVED

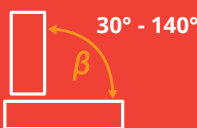


Wiki-SCAN 2.0™



SERVO-ROBOT CONTRIBUTING TO WELDING QUALITY MANAGEMENT IN ALL MAJOR INDUSTRIES



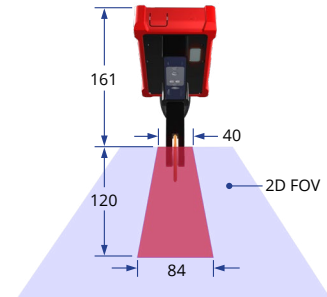
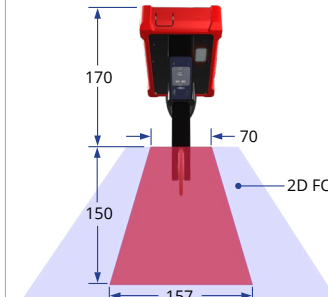
JOINT INSPECTION

Joint Type and Range	T-Joint	Butt Joint <small>(Square, U, V and Bevel Groove)</small>	Lap Joint
Features			
Joint Included Angle (β)	✓	✓	-
Root Opening/Gap	✓	✓	-
Mismatch/Hi-Lo	-	✓	✓
Groove Angle (θ)	-	✓	-
Bevel Angle (l,r)	-	✓	-

WELD INSPECTION

Weld Type and Range	Fillet Weld	Groove Weld	Lap Weld
Features			
Leg and Size	✓	-	✓
Theoretical Throat	✓	-	✓
Convexity/Underfill	✓	✓	✓
Reinforcement	-	✓	-
Undercut	✓	✓	✓
Toe Angle	✓	✓	✓
Mismatch/Hi-Lo	-	✓	-
Plate Angle	✓	✓	✓
Face Width	-	✓	-

WiKi-SCAN 2.0™ SPECIFICATIONS

Dimensions** L x W x H	294 x 96 x 82 mm	Laser Field of View:	
	294 x 96 x 188 mm (with Encoder option)		
Weight	907 g	WiKi-SCAN 2.0™	WiKi-SCAN 2.0/L™
	1000 g (with Encoder option)		
Li-ion Battery Life	4 - 7 hours depending on use (24 Wh)		
Operating Temperature Range	5 - 40 °C		
Connectivity	USB 2.0 / Wi-Fi™ (Dual Band 2.4 / 5 GHz 802.11 a/b/g/n)		

** - Not Applicable. * Data in parentheses applies to WiKi-SCAN 2.0/L™. * Dimensions for WiKi-SCAN 2.0/L™ are slightly different. Contact SERVO-ROBOT for more information.

Contact SERVO-ROBOT for more information on how to obtain your WiKi-SCAN 2.0™.

SERVO-ROBOT

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