

SEAMVISION™



MILITARY



TENTS



TARPAULINS

Comprehensive INSPECTION SYSTEM

The Seamvision is designed to provide another level of measuring seam integrity. It is a continuous visual analysis for standard and automation systems that require non-contact imaging and temperature measurements. Its built-in logic provides the capability to document all welding seams and monitor every production process.



Technologies available:

Infrared thermal imaging
Proprietary seam inspection

Equipment included:

15" touch screen PC
Graphical user interface
Thermal imaging camera

Materials you can weld:

Woven polypropylene, woven polyethylene, PVC laminate, PVC coated, polyurethane coated, polypropylene and more

Features & Benefits



95 individual measurement positions for precise measurement across any size seam



Captures monitored seam 20 times per second for all welding speeds



Seam monitoring alarms to alert operators and for secondary spot check



Consistent data output to Excel files for quality reporting and records-keeping

ENVIRONMENTAL



Technical Specifications

Machine type:	Seamvision (PC based system)
Technology:	Thermal imaging system with 320 x 240 resolution
Monitored seam weld width:	12mm - 50mm (0.5in - 2in)
Monitored welding speeds:	Up to 100M/min (328ft/min)*

* Depending on the application, the seam width and the type of material used

Comprehensive INSPECTION SYSTEM



AEROSPACE



TANKS & BLADDERS

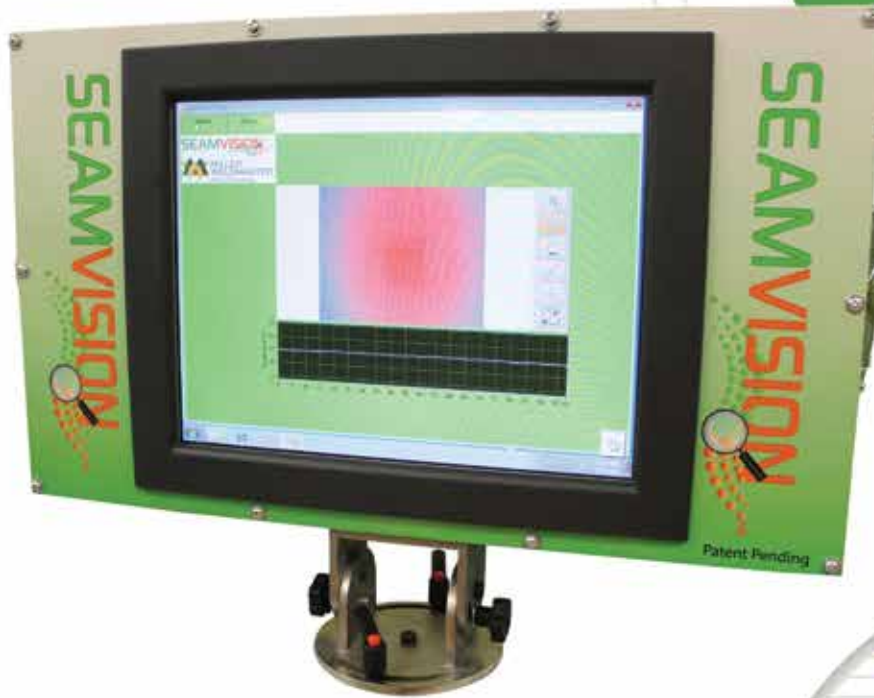


INFLATABLES



COVERS

Quality, High Level REPORTING AND RECORDING



Consistent data output to excel file for accurate monitoring



Min (C)	Max (C)	Pass/Fail	% of Length
47.1	54.6	Pass	0
47.2	54.8	Pass	1
47.1	54.6	Pass	1
47.2	54.8	Pass	5
51.4	56	Pass	10
46	52.5	Pass	15
47.4	54.9	Pass	20
47.4	54.9	Pass	23
49.2	54	Pass	25
51.4	55	Pass	29
50.7	51.5	Pass	34
45.5	50	Fail	38
35	42.3	Fail	39
35.5	44	Fail	40
36	45.7	Fail	40
47.1	54.6	Pass	41
47.2	54.8	Pass	42
47.1	54.6	Pass	42
47.2	54.8	Pass	43
51.4	55	Pass	44
46.1	53.1	Pass	45
47.4	54.4	Pass	45
47.4	54.4	Pass	45
49.2	55.8	Pass	45
49.2	56	Pass	45



Locations



Miller Weldmaster
Corporate Headquarters
Navarre, Ohio



Miller Weldmaster
West Coast
Diamond Springs, California



Miller Weldmaster
EU BV Partner Support Center
Nieuw Vennep, The Netherlands

Contact Us

4220 Alabama Ave
Navarre, Ohio, 44662 | USA
T. 330-833-6739; 330-837-2828
sales@weldmaster.com
www.weldmaster.com

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