

# M<sup>3</sup>

MEASUREMENT  
SOLUTIONS INC.

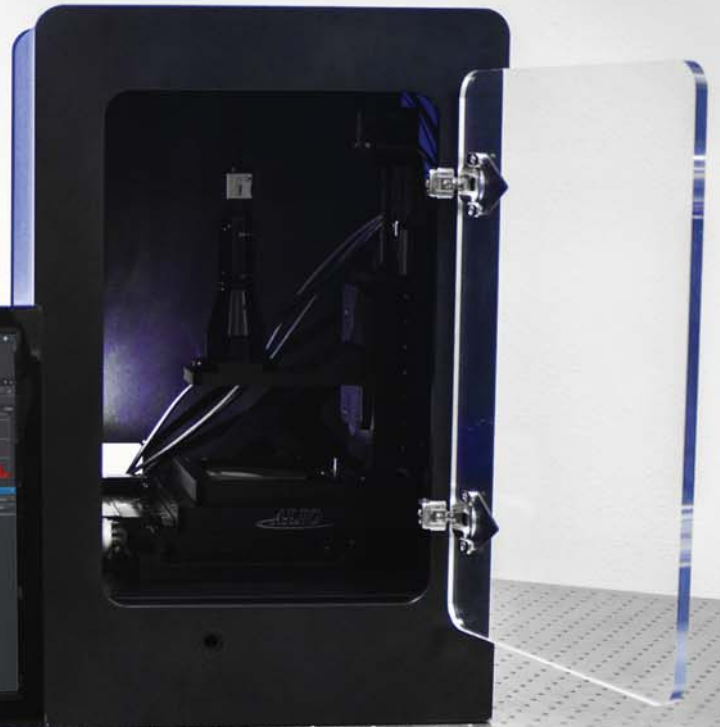
Distribution in the UK & Ireland



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**Characterisation,  
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THE PERFECT BLEND OF INNOVATIVE DESIGN AND CUTTING EDGE TECHNOLOGY

# XPLOR 100

3D OPTICAL INSPECTION STATION

The XPLOR 100 is a fully automated metrology device designed for measurement and analysis of bubbles and inclusions for optical substrates in the Visible and NIR wave-bands.

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# XPLOR 100 SPECIFICATIONS

## SPECIFICATION

XYZ Positioning Accuracy  
Camera Resolution  
Pixel Size  
Measurement Area  
Bit Depth  
Frame Rate  
Light Source  
Wavelength Range

## DESIGN VALUE

+/- 0.001mm  
1280 X 1024  
5.3um X 5.3um  
100mm X 100mm X 100mm  
10 Bits  
60 fps  
SiN3  
400nm to 1000nm

## LENS OPTIONS

MAGNIFICATION	0.243X	0.528X	1.00X	2.00X
Working Distance	103 mm	44 mm	62.2 mm	55.9 mm
Depth of Field	±11 mm	±1 mm	±0.9 mm	±0.3 mm
Field of View	45.2 mm	20.8 mm	11 mm	5.5 mm

## MAINFRAME

Envelope Dimensions (LWH)  
Electrical Requirements  
Weight

438mm x 518mm x 662mm  
120 VAC, 60 Hz  
70lbs (Mainframe)

