

Materials List for:

Crack Monitoring in Resonance Fatigue Testing of Welded Specimens Using Digital Image Correlation

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Materials

Name	Company	Catalog Number	Comments
ARAMIS 5M	gom		DIC system including two 5 megapixel cameras and control unit
ARAMIS	gom	v6.3.1-2	DIC software
Calibration object	gom	CP 20	MV 30 x 24 mm ²
Camera objectives, 50 mm			Titanar 2.8 / 50
Hydraulic Wedge Grip	MTS	647.25A02	
Hydraulic Grip Supply	MTS	685.10	10,000 Psi
LED lights	Diana LEDscale	KSP0495-0001A	4 x 16 W LED lights
Polarization filters	Schneider-Kreuznach		52,0 AUF (2 x for cameras)
Polarization filters	Schneider-Kreuznach		67,0 AUF (4 x for lights)
Resonance testing machine	Schenck		200 kN resonance testing machine
Resonance testing machine control unit	Rumul	v 2.5.3	Resonance testing machine control unit and software
Spray paint			Black and white spray paint, matt