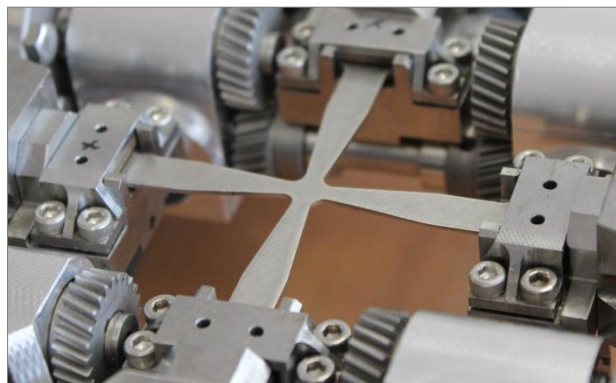




MICROMECHA Sirius 100

Technical specifications



System Description			
Tests	Biaxial Tensile/Compression and Low-cycle fatigue		
Force capacity in kN (lbf.)		3	(787)
Crosshead travel in mm (in.) <i>(on each side)</i>		12	(0,47)
Maximum Speed Test in mm/min. (in./min.)		3,000	(0,118)
Minimum Speed Test in mm/min. (in./min.)		0,006	(0,0002)
Dimensions and Weight			
Machine weight in kg (lb.)		approx.	4,1 (9,04)
Dimension in mm (in.)	machine	length	225 (8,86)
		width	205 (8,07)
		height	45 (1,77)
Sample Dimensions			
Dimensions in mm (in.) <i>(standard dimensions, adaptable to user needs)</i>	tensile sample	length	80 (3,15)
		width	80 (3,15)
		height	1 (0,04)
Sensors			
Displacement	Displacement measurement	Optical Encoder	
	Resolution in μm	1	
Force	Force measurement	Strain Gages	
Accessories			
Accessories (included)	Air & vacuum cables, dovetail, controller, software, tensile clamps		
Accessories (optional)	Bending clamps, biaxial clamps, heating device, cooling device, EBSD heating device, EBSD cooling device, supplementary dovetails		

www.micromecha.fr/sirius.html