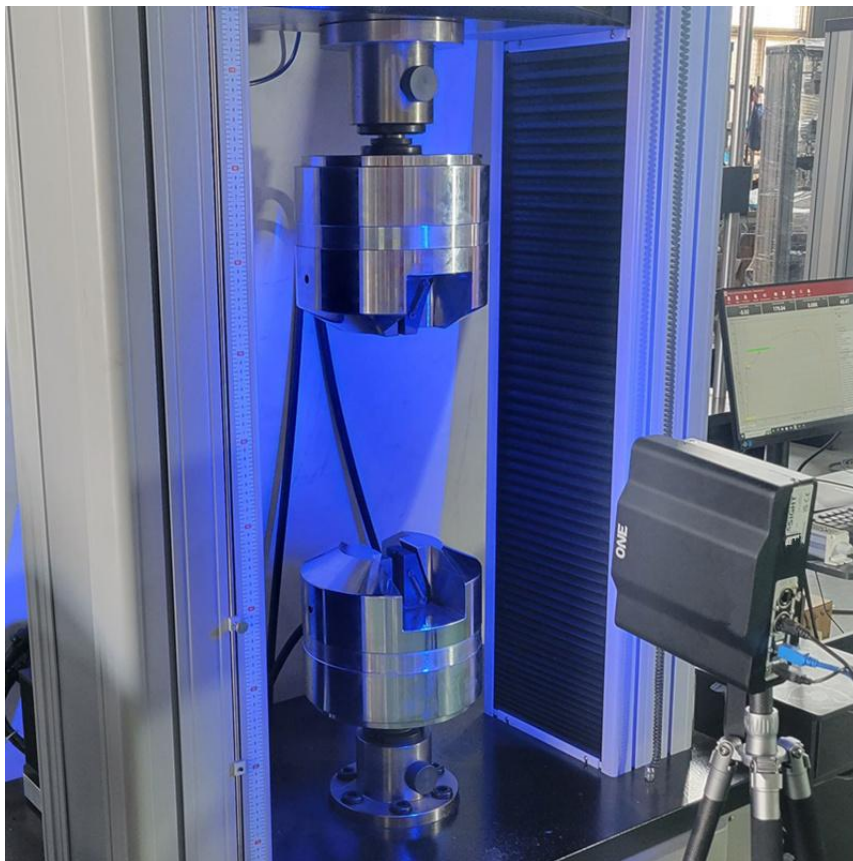


Non contact measurement -video extensometer



Picture just for reference

Application:

Video extensometer is an optical non-contact type three-dimensional deformation measuring system based on DIC(Digital Image Correlation)measurement method. It can accurately measure the 2D & 3D strain property of materials and components. Meanwhile, it can also be applied for testing and displacement measurement of 3D Profile-Displacement-Deformation of various metals and nonmetals, under static & dynamic deformation tests.

Parameters

Parameters	Range*	Typical system
Measurement range	ASTM E83 Class B1 or ISO 9513 Class 0.5 standards	
FOV	Class 0.5: 100; Class 1: 200mm	
Gage length	0.01-800 %	
Resolution	FOV 100mm: 0.5 μ m	FOV 200mm: 1 μ m
Camera resolution	2.3MPx	
No. of Cameras	1	
FPS at full resolution	43Hz	
Interface	USB	

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