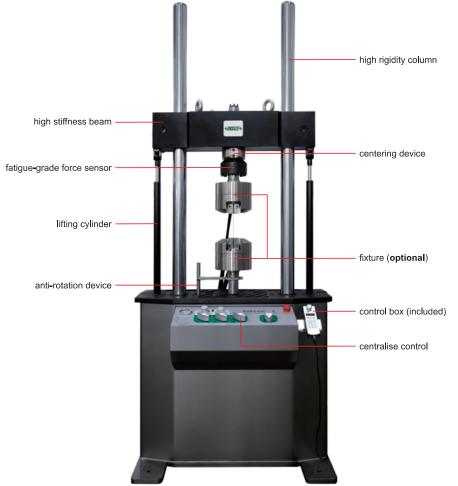
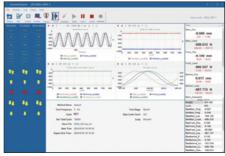


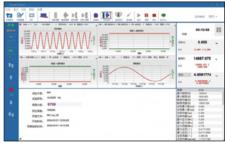
SERVOHYDRAULIC FATIGUE TESTING MACHINES (CYLINDER DOWN-MOUNTED)

ATTENTION: CUSTOMIZED ACCORDING TO TEST METHOD





software (included)



software (included)

 According to ASTM D3479, ASTM D7615, GB/T 3075, HB5287, GB/T 15248, GB/T 6398, GB/T 4161, GB/T21143, ASTM 1290, ASTM-E399, JJG 556-2011

FTM-D100

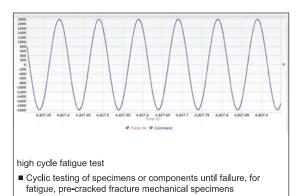
- Suitable for tensile, compression, bending, tension-tension, compression-compression, tension-compression and other mechanical properties of the test
- Suitable for fatigue testing of composite materials, steel, aluminium alloys, super alloys, etc.

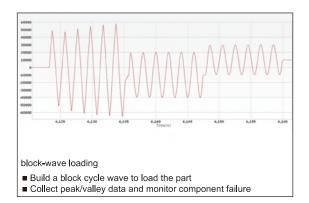
SPECIFICATION

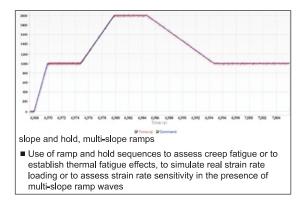
Code	FTM-D50	FTM-D100	FTM-D250	FTM-D500
Max. test force	50kN	100kN	250kN	500kN
Accuracy of static force measurement	±0.5% of indicated value			
Accuracy of dynamic force measurement	±2% of indicated value			
Range of test force	0.5%~100%FS			
Actuator stroke*	±75mm			
Accuracy of displacement measurement	linearity error <40µm, repeatability <0.001%FS			
Range of frequency	0~100Hz			
Concentricity	≤5%			
Vertical test space**	1120mm	1200mm	1235mm	2000mm
Effective test width*	540mm	540mm	650mm	780mm
Test waveform	sine wave, square wave, triangle wave, ramp wave, random wave, spectral loading, sweep srequency, etc.			
Stiffness	5×10°N/m			
Dimension (W x D x H)	1040×730×3000mm	1040×730×3000mm	1265×900×3800mm	1500×980×4200mm
Weight	1050kg	1150kg	1650kg	2400kg
Power supply	AC 380V, 3Ø, 50Hz			

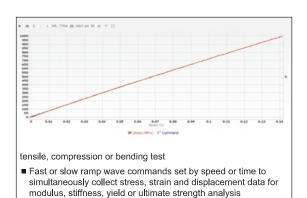
^{*}Can be customized according to test requirements

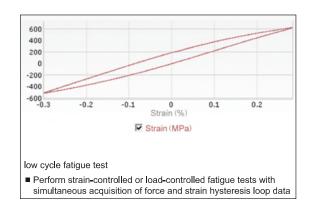
WAVEFORM OF WORKING CONDITION

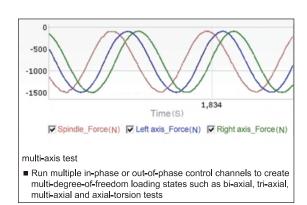


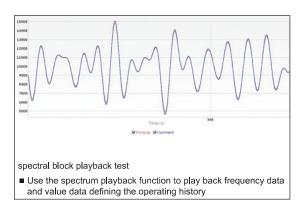


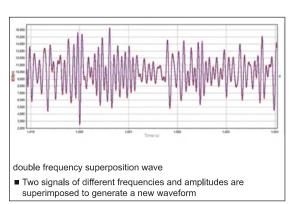


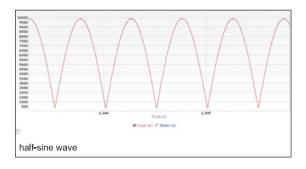


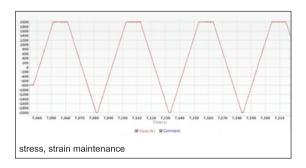


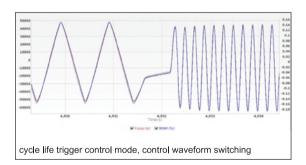






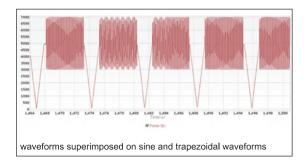


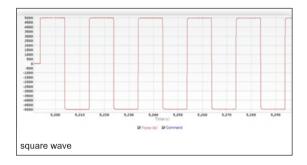


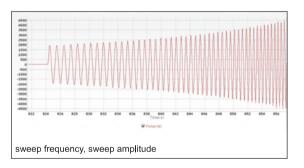


STANDARD DELIVERY

Main unit	1 pc
Hydraulic oil source	1 set
Main circulating cooling water system	1 set
Control box	1 pc
Measuring software	1 set
Computer	1 pc
Printer	1 pc







OPTIONAL ACCESSORY

Fixture		
Extensometer		
High-temperature extensometer	customized	
High and low temperature test chamber		
Temperature and humidity test chamber		
High-temperature furnace		
Security door		
Video extensometer	UTM-M series	