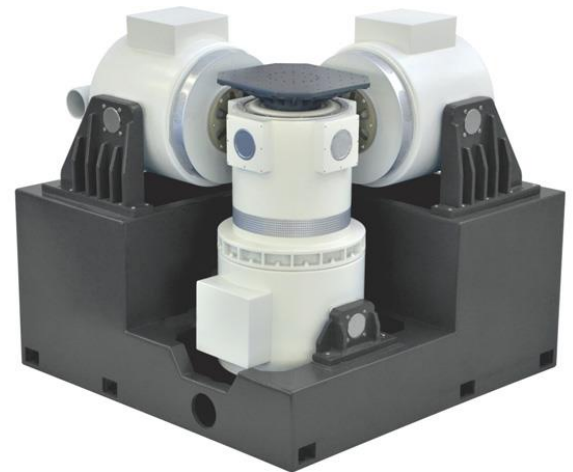


Three-axis Vibration Test System

The three-axis vibration test system is able to stimulate the vibration environment in practical use processes realistically.

It improves the over-test and short-test of complex test pieces, which allows the comparability of laboratory evaluation results and the actual service environment of our product to be enhanced.



This tri-axis vibration tester can reproduce the fault mode occurred outfield but hardly recurrent in the single axial test. It helps simulate the vibration environment in the entire process during use.

Additionally, the three-axis vibration test system can immensely shorten test time.

Characteristics

1. As a kind of vibration analysis equipment, this product has realized three-axis respective or simultaneous vibration.
2. Available functions include sine, random, shock, and special waveform.
3. Three-dimensional synchronous or asynchronous vibration can be achieved.
4. The use of high-precision guiding device ensures sufficient stiffness and extremely low coupling.
5. The three-axis vibration test system is convenient to be used and maintained.

Main Specifications

Model	Max. Frequency (Hz)		Max. Force of Single Axis (kgf)		Bare Table		Table Size (mm)	Cooling Type
	Sine	Random	Sine	Random	Velocity (m/s)	Displacement (mm)		
3ES-10-HF-400	1000	2000	1000	1000	1.6	38	400	Air-cooled
3ES-20-HF-400	1000	2000	2000	2000	1.6	38	400	
3ES-10-HF-500	800	1500	1000	1000	1.6	38	500	
3ES-20-HF-500	800	1500	2000	2000	1.6	38	500	
3ES-30-HF-500	800	1500	3000	3000	1.6	45	500	
3ES-10-HF-600	800	1500	1000	1000	1.6	38	600	
3ES-20-HF-600	800	1500	2000	2000	1.6	38	600	
3ES-30-HF-600	800	1500	3000	3000	1.6	45	600	

3ES-40-HF-600	800	1500	4000	4000	1.6	45	600		
3ES-50-HF-600	800	1500	5000	5000	1.6	45	600		
3ES-60-HF-600	800	1500	6000	6000	1.6	45	600		
3ES-70-HF-600	800	1500	7000	7000	1.6	45	600		
3ES-10-HF-800	500	1000	1000	1000	1.6	38	800		
3ES-20-HF-800	500	1000	2000	2000	1.6	38	800		
3ES-30-HF-800	500	1000	3000	3000	1.6	45	800		
3ES-40-HF-800	500	1000	4000	4000	1.6	45	800		
3ES-50-HF-800	500	1000	5000	5000	1.6	45	800		
3ES-60-HF-800	500	1000	6000	6000	1.6	45	800		
3ES-70-HF-800	500	1000	7000	7000	1.6	45	800		
3ES-10-HF-1000	400	1000	1000	1000	1.6	38	1000		
3ES-20-HF-1000	400	1000	2000	2000	1.6	38	1000		
3ES-30-HF-1000	400	1000	3000	3000	1.6	45	1000		
3ES-40-HF-1000	400	1000	4000	4000	1.6	45	1000		
3ES-50-HF-1000	400	1000	5000	5000	1.6	45	1000		
3ES-60-HF-1000	400	1000	6000	6000	1.6	45	1000		
3ES-70-HF-1000	400	1000	7000	7000	1.6	45	1000		
3ES-80-HF-600	800	1500	8000	8000	1.6	51	600		Water-cooled
3ES-100-HF-600	800	1500	10000	10000	1.6	51	600		
3ES-120-HF-600	800	1500	12000	12000	1.6	51	600		
3ES-80-HF-800	500	1000	8000	8000	1.6	51	800		
3ES-100-HF-800	500	1000	10000	10000	1.6	51	800		
3ES-120-HF-800	500	1000	12000	12000	1.6	51	800		
3ES-160-HF-800	500	1000	16000	16000	1.6	51	800		
3ES-80-HF-1000	400	1000	8000	8000	1.6	51	1000		
3ES-100-HF-1000	400	1000	10000	10000	1.6	51	1000		
3ES-120-HF-1000	400	1000	12000	12000	1.6	51	1000		
3ES-160-HF-1000	400	1000	16000	16000	1.6	51	1000		