



● UT312

UT310 series handheld vibration testers can measure displacement, velocity, and acceleration of rotating and reciprocating machinery. Technicians can use these to monitor equipment status and ensure normal operation.

SPECIFICATIONS

	Range	UT311	UT312
Acceleration (O-P)	0.1~199.9m/s ²	Frequency response: 10~1500Hz, Amplitude error: ≤±5%	Amplitude linear error: ≤2.0m/s ² , ≤±10%; >2.0m/s ² , ≤±5%
Velocity (RMS)	0.1~199.9mm/s	Frequency response: 10~1500Hz, Amplitude error: ≤±5%	Amplitude linear error: ≤2.0m/s, ≤±10%; >2.0m/s, ≤±5%
Displacement (P-P)	1~1999μm	Frequency response: 10~500Hz, Amplitude error: ≤±5%	Amplitude linear error: ≤20um, ≤±10%; >20um, ≤±5%
Features			
Data hold		√ (auto data hold when releasing the measure key)	
Low battery indication		√	
Auto power off		√ (auto power off 1 minute after releasing the measure key)	
Battery life		Continuous measuring time > 20 hours	
Display count		2000	

GENERAL CHARACTERISTICS

Power	9V battery (6F22)
Product color	Red and grey
Product net weight	230g (including battery)
Product size	185mm x 68mm x 30mm
Standard accessories	Battery, tool box
Standard individual packing	Gift box, English manual
Standard quantity per carton	5pcs
Standard carton measurement	375mm x 307mm x 246mm
Standard carton gross weight	5.8kg