



● 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 <sup>2</sup>	Frequency response: 10~1500Hz, Amplitude error: ≤±5%	Amplitude linear error: ≤2.0m/s <sup>2</sup> , ≤±10%; >2.0m/s <sup>2</sup> , ≤±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%
<b>Features</b>			
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