

# ENVIRONMENTAL TESTERS

Our environment is seriously affected by the rapid economic growth and industrialization of today's society. Environmental protection is the toughest issue facing humans today. Environmental indicators such as temperature, humidity, illumination, noise, dust, CO, CO<sub>2</sub> are important data for ensuring a healthy living environment. UNI-T is committed to environmental monitoring by offering professional and comprehensive environmental testers. These meters output audio/visual alerts whenever environment data goes beyond normal/preset range.



## UT310 SERIES Vibration Testers

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.



● UT315A

- Data hold
- Low battery indication
- Auto power off
- Display count: 2000

SPECIFICATION	UT311/UT312	UT315A
Certificates	CE, RoHS	
Acceleration (O-P)	0.1~199.9m/s <sup>2</sup> Frequency response: 10~1500Hz, Amplitude error: ≤±5% Amplitude linear error: ≤2m/s <sup>2</sup> , ≤±10%; >2m/s <sup>2</sup> , ≤±5%	0.1-199.9m/s <sup>2</sup> ; Frequency response: 10Hz-10kHz Accuracy: ±(5%+0.2m/s <sup>2</sup> )
Velocity (RMS)	0.1~199.9mm/s Frequency response: 10~1500Hz, Amplitude error: ≤±5% Amplitude linear error: ≤2mm/s, ≤±10%; >2mm/s, ≤±5%	0.01-19.99cm/s; Frequency response: 10Hz-1kHz Accuracy: ±(5%+0.02cm/s)
Displacement (P-P)	1~1999μm Frequency response: 10~500Hz, Amplitude error: ≤±5% Amplitude linear error: ≤20um, ≤±10%; >20um, ≤±5%	0.001-1.999mm; Frequency response: 10Hz-500Hz Accuracy: ±(5%+0.002mm)
<b>GENERAL CHARACTERISTICS</b>		
Power	9V battery (6F22)	
Product net weight	UT311/UT312: 230g; UT315A: 395g	
Product size	UT311/UT312: 185mm x 68mm x 30mm; UT315A: 166mm x 80mm x 30mm	
Standard accessories	Battery, English manual	
Standard individual packing	Gift box, tool box	
Standard quantity per carton	UT311/UT312: 5pcs; UT315A: 1pcs	
Standard carton measurement	UT311/UT312: 375mm x 307mm x 246mm; UT315A: 305mm x 240mm x 85mm	
Standard carton gross weight	UT311/UT312: 5.8kg; UT315A: About 1.2kg	