



Models	UT343A	UT343D
Page	116	117
		
Measuring range	0~1750μm	0~1250μm
Accuracy	±(3%H+1)μm	±(3%H+1)μm
Resolution	0.1μm (0~99.9μm); 1μm (100~1750μm)	0.1μm (0~99.9μm); 1μm (100~1250μm)
Measurement method	Single/Continuous	Single/Continuous
Measurement mode	Max/Min/Avg	Max/Min/Avg
Metal type	Auto/ferrous/non-ferrous	Ferrous/non-ferrous
Display type	EBTN	TFT LCD
Auto rotatable screen	●	●
Unit conversion	μm/mil	●
Audio alarm	●	●
LED alarm	●	●
PC analysis software		●
Quick test mode	●	
Data storage	199sets	500 sets
Auto power off	●	●
Low battery indication	●	●
Power	1.5V AAA x 2=3V alkaline batteries	1.5V AA battery (LR6) x 2
Certificates	CE/UKCA	CE/UKCA

Models	UT312	UT315A
Page	109	109
		
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%	0.1-199.9m/s ² frequency response:10-10000Hz accuracy:± (5%+0.2m/s ²)
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:10-10000Hz 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)
Power	9V battery (6F22)	9V battery (6F22)
Display count	2000	2000
Low battery indication	●	●
Data hold	●	●
Auto power off	●	●
Certificates	CE/UKCA	CE/UKCA

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

Specifications	UT312	UT315A
Certificates	CE, UKCA	
Acceleration (O-P)	0.1~199.9m/s ² Frequency response: 10~1500Hz Accuracy: ≤2m/s ² , ≤±10%; >2m/s ² , ≤±5%	0.1~199.9m/s ² ; Frequency response: 10Hz-10kHz Accuracy: ±(5%+0.2m/s ²)
Velocity (RMS)	0.1~199.9mm/s Frequency response: 10~1500Hz Accuracy: ≤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 Accuracy: ≤20μm, ≤±10%; >20μm, ≤±5%	0.001~1.999mm; Frequency response: 10Hz~500Hz Accuracy: ±(5%+0.002mm)

Features

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

Characteristics

Standard accessories	Battery, English manual
Power	9V battery (6F22)
Product size	UT312: 185 x 68 x 30mm; UT315A: 166 x 80 x 30mm
Product net weight	UT312: 230g; UT315A: 395g
Standard individual packing	Gift box, tool box
Standard quantity per carton	UT312: 5pcs; UT315A: 1pc
Standard carton measurement	UT312: 375 x 307 x 246mm; UT315A: 305 x 240 x 85mm
Standard carton gross weight	UT312: 5.8kg; UT315A: About 1.2kg