



(WT63A)



AC output



Probe



(WT63B)



(WT63C)



Probe



Bottom measurement key



Probe*2



Screen flip function

Machinery	Class I small machine	Class II medium machine	Class III large hard base	Class IV large soft base
Vibration Speed Vrms				
mm/s				
0.28				
0.45				
0.71				
1.12				
1.80				
2.80				
4.50				
7.10				
11.20				
18.00				
28.00				
45.90				

Vibration intensity

Function	WT63A	WT63B	WT63C
Acceleration, velocity and displacement measurement	√	√	√
Vibration frequency can be selected	√	√	√
Equipped with AC signal output interface	√	×	×
Low battery indicator	√	√	√
Automatic shutdown	√	√	√
Backlit screen	√	√	√
Screen flipping	×	√	√
Curve display	×	√	√
Double measurement button	×	√	√
Flashlight	×	√	√
Screen brightness	×	√	√
Machinery grade	×	√	√
Color screen	×	√	√
Store and view files	×	√	√

Specification	WT63A	WT63B	WT63C
Vibration pickup	Piezoelectric ceramic accelerometer (shear-type)		
Measurement range	Acceleration: 0.1~199.9m/s² Velocity: 0.1~199.9mm/s Displacement: 0.001~1.999mm		Acceleration: 0.1~199.9m/s² Velocity: 0.1~199.9mm/s Displacement: 0.001~1.999mm Frequency: 0Hz~4KHz
Measurement accuracy	×	±10%	±10%
Measurement frequency range of acceleration	10Hz~1KHz (LO) 1KHz~15KHz (HI)	20Hz~1KHz (LO) 1KHz~10KHz (HI)	10Hz~1KHz (LO) 1KHz~4KHz (HI)
Measurement frequency range of velocity	10Hz~1KHz (LO)	20Hz~1KHz (LO)	10Hz~1KHz (LO)
Measurement frequency range of displacement	10Hz~1KHz (LO)	20Hz~1KHz (LO)	10Hz~1KHz (LO)
LCD display	3 1/2 digits display	Color display	Color display
Displays update cycle	1 second		
Maximum groups of data storage	×	7 groups	500 pieces (5 groups*100 pieces/group)
Power supply	9V Alkaline battery	1.5V AAA battery*2	1.5V AAA battery*2
Temperature range for operation	0~40℃		
Humidity range for operation	30~90%RH		
Size	67x30x183mm	180x54x30mm	180x54x30mm
Weight	182g (including battery)	250g(with batteries)	>150g(with batteries)

Application



Electricity



Smelt



Machine made



Aerospace

20Hz~1KHz 52%				
View the storage				
Line/Group	ACCELERATE	Velocity	Distance	
1 1	0.9	17.3	0.939	
2 1	7.9	21.3	0.863	
3 1	7.8	17.9	0.889	
4 2	0.9	18.3	0.937	
5 2	7.3	20.2	0.939	
6 2	7.8	17.9	0.883	
7 2	2.9	5.0	0.330	
8 2	6.9	14.3	0.690	
Menu				Remain 56%

File viewing interface (WT63B/WT63C)

20Hz~1KHz 52%				
0.000 mm				
Max: 0.000	Acc-t: 0s			
Min: 0.000	Dec-t: 0s			
Avg: 0.000	Dif: 0.000			
Menu				Mode: Lo Freq

Displacement measurement interface (WT63B/WT63C)

