



(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
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



↑mm

0.5
0.4
0.3
0.2
0.1
0

1 2 3 4 5 s

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)