

Resolution of measurements for: MiniTest 7 FH4 Sensor

metric

(Low range resolution 0,1 μm)

Measuring Range	Resolution
Display Format	
0,0 μm – 59,9 μm	0,1 μm
60,0 μm – 149,8 μm	0,2 μm
150,0 μm – 299,5 μm	0,5 μm
300 μm – 599 μm	1 μm
600 μm – 998 μm	2 μm
1,000 mm – 1,498 mm	2 μm
1,500 mm – 2,995 mm	5 μm
3,00 mm – 32,09 mm	10 μm

maximum display values:

FH4-1,5 mm Steel ball: 1,32 mm;

FH4-1,5 mm Steel ball: 2,02 mm;

FH4-2,5 mm Steel ball: 3,55 mm;

FH4-4,0 mm Steel ball: 6,05 mm

FH4-1,5 mm Magnetic ball: 5,05 mm

FH4-3 mm Magnetic ball: 9,05 mm

imperial

(Low range resolution 0,005 mils)

Measuring Range	Resolution
Display Format	
0,000 mils – 2,995 mils	0,005 mils
3,00 mils – 5,99 mils	0,01 mils
6,00 mils – 14,98 mils	0,02 mils
15,00 mils – 29,95 mils	0,05 mils
30,0 mils – 59,9 mils	0,1 mils
60,0 mils – 149,8 mils	0,2 mils
150,0 mils – 1263,0 mils	0,5 mils

maximum display values:

FH4-1,5 mm Steel ball: 51,9 mils;

FH4-1,5 mm Steel ball: 79,5 mils;

FH4-2,5 mm Steel ball: 139,7 mils;

FH4-4,0 mm Steel ball: 238,1 mils

FH4-1,5 mm Magnetic ball: 198,8 mils

FH4-3 mm Magnetic ball: 356,2 mils

Resolution of measurements for: FH10 Sensor

metric

(Low range resolution 0,2 μm)

Measuring Range	Resolution
Display Format	
0,0 μm – 149,8 μm	0,2 μm
150,0 μm – 299,5 μm	0,5 μm
300 μm – 599 μm	1 μm
600 μm – 998 μm	2 μm
1,000 mm – 1,498 mm	2 μm
1,500 mm – 2,995 mm	5 μm
3,00 mm – 5,99 mm	10 μm
6,00 mm – 49,98mm	20 μm

maximum display values:

FH10-2,5 mm Steel ball: 4,05 mm;	FH10-4,0 mm Magnetic ball: 16,05 mm
FH10-4,0 mm Steel ball: 7,05 mm;	FH10-6,0 mm Magnetic ball: 24,05 mm
FH10-6,0 mm Steel ball: 10,05 mm;	
FH10-9,0 mm Steel ball: 13,05 mm	

imperial

(Low range resolution 0,01 mils)

Measuring Range	Resolution
Display Format	
0,00 mils – 5,99 mils	0,01 mils
6,00 mils – 14,98 mils	0,02 mils
15,00 mils – 29,95 mils	0,05 mils
30,0 mils – 59,9 mils	0,1 mils
60,0 mils – 149,8 mils	0,2 mils
150,0 mils – 299,5 mils	0,5 mils
300 mils – 1967 mils	1 mils

maximum display values:

FH10-2,5 mm Steel ball: 159,0 mils;	FH10-4,0 mm Magnetic ball: 631 mils
FH10-4,0 mm Steel ball: 277,5 mils;	FH10-6,0 mm Magnetic ball: 946 mils
FH10-6,0 mm Steel ball: 395 mils;	
FH10-9,0 mm Steel ball: 513 mils	