

# SpeedPod

## Data Sheet Overview



Measurement Capabilities	Description	Flex	Pro
Standard	Minimum Closing Speed	x	x
Data Logging Module	Measurement Logging to SD or HDD	Optional	x
Trajectory Analysis Module	Friction, Hinge Inclination, Door Angle	Optional	x
Frameless Window Analysis Module	Window Shake, Window Drop, and Pre-Load	Optional	x
Latch Analysis Module	Unlatching Speed and Position, Alignment	Optional	x

References

TELD003 Data Sheet

Compatible Door Types	Description	Flex	Pro
Standard	Vertical Hinged Doors	x	x
Universal Hinge	Any Hinge Inclination	Optional	x
Sliding Door	Horizontal or Vertical Sliding Doors, Pocket Doors, and Roller Doors	Optional	x

References

TELD003 Data Sheet

Measurement Process Control	Description	Flex	Pro
Gap Mode	Monitor Highest Not Latched and Lowest Latched	x	x
Sample Limit	Set Number of Samples	x	x
Units	mm/sec, m/sec, ft/sec	x	x
Auto Measurement Complete	Inform Operator of Completed Inspection	x	x

References

TELD003 Data Sheet

Connectivity	Description	Flex	Pro
Bluetooth	v4.2	x	x
Wi Fi	802.11/b/g/n	x	x
USB-C	v3.1 Gen 2	x	x

References

TELD003 Data Sheet

TELC003 Wireless Certificate

Certification	Description	Flex	Pro
Conformity	CE conformity	x	x
Factory Warranty	1 Year	x	x
Extended Warranty	1 Year	Optional	Optional
Calibration Interval	1 Year (Recommended)	x	x

References

SELS001 Factory Warranty

SELS002 Extended Warranty

SELS004 Calibration Services

TELC001 Certificate of Conformity

Performance	Description
Speed Measurement Range	10 to 4300 mm/sec
Speed Measurement Resolution	1 mm/sec
Speed Measurement Accuracy	< 1.5%
Vibration Measurement Range	±160 m/sec <sup>2</sup>
Vibration Measurement Resolution	0.05 m/sec <sup>2</sup>
Vibration Measurement Accuracy	< 1.5%
Process Accuracy	0.7 x Gap Tolerance
Repeatability	0.40%
Orientation Sensitivity	0.50%
Placement Sensitivity	0.46%
Temperature Measurement Sensitivity	0.07% per 10°F or 0.12% per 10°C
Storage Temperature	-20°C to +60°C
EZSpeed Correlation	2.13%
Drop Resistance	6ft
Glass Screen Scratch Resistance	300N
Suction Cup System - Holding Force	120N
Suction Cup System - Holding Time	3h
Suction Cup System - Durability	100,000 Cycles

References

TELD003 Data Sheet  
 TELD001 Correlation with EZSpeed  
 TELD002 Performance Data  
 TELC002 Durability Certificate

Components	Description
Item 1	SpeedPod
Item 2	2 Li-ion Batteries
Item 3	Protective Cover
Item 4	Power Station
Item 5	USB A to C
Item 6	Wall Adaptor
Item 7	Wrist Strap
Item 8	Rugged Case

References

TELL001 Item Checklist

Size and Weight	Size	Weight
SpeedPod	55 x 80 x 130 mm (2.1" x 3.1" x 5.1")	0.23kg (0.5lbs)
Power Station	75 x 95 x 140 mm (3" x 3.7" x 5.5")	0.5kg (1.1lbs)
Rugged Case	300 x 250 x 120 mm (12" x 10" x 5")	2.3kg (5lbs)

References

TELD003 Data Sheet  
 TELL001 Item Checklist