JEBOOL

Speed Measurement Device SPS-U

- Applied to car speed measurement during crash test;

- Al. Alloy frame structure, free-install and easy moving;

- UPS Battery Inside;

- Measurement ranges up to 120km/h;

- Measurement reset by wireless button;

- Trigger out and timer clock calibration interface;

- Ethernet and Wi-Fi communication.

The U-shaped speed measurement system adopts high-speed sensors and is installed in two sets of opposite beams. The speed is calculated by detecting the time difference of the object passing through the two sets of laser sensors. It enters the ARM state after starting. When the object enters the sensing position, the measurement is triggered, and the speed result is displayed immediately after passing.

Specification:

Name	Unit	Value
Meas. Range	km/h	120
Resolution	Km/h	0.01
Accuracy	± 0.15 km/h @ <60km/h	
	± 0.20km/h @ 60~120km/h	
Result Display	/	LED
Power	V	9~18
Battery Work	hours	>8
Consumption	W	<50
Meas. Length	mm	300
Hight space	mm	300~1000
Opera. Temp.	℃	0~40
Button Switch	wireless	Reset
Communication	Ethernet & Wi-Fi	
Trigger Out	Switch	TRG1, TRG2
Install	/	No need
Material	/	Al. Alloy
Weight	kg	<25
Dimension	mm	1000*400*400

LED status indication:

-----	Waiting for Meas.
……..	Sensor Pos. Error
HHHHH	Out of Range
Value	Test Result
No Display	Power Error

Note:

1. Two sensing detector line should be parallel with object moving direction;

2. UPS battery is only for emergency;

3. AC100V~250V to 18V Power Adapter;

4. Software is supplied.

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