

Wind101A

风速数据记录仪



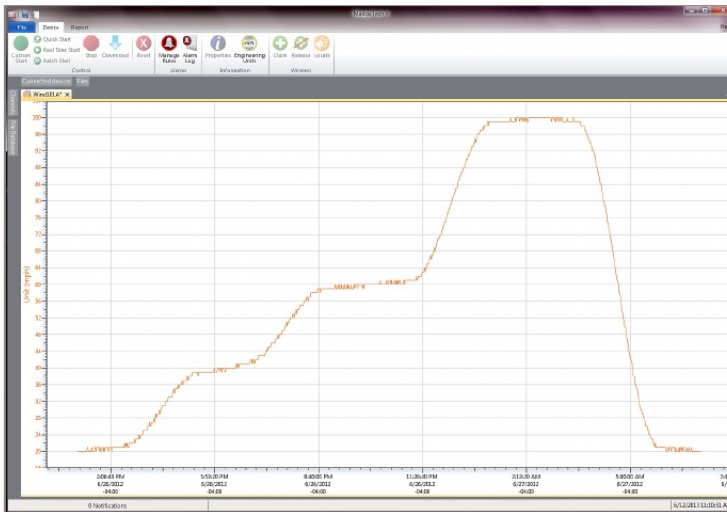
Wind101A 是一个精确测量和记录风速的完整系统。此功能低成本风速记录系统配有数据记录器、天气-防爆外壳、三杯风速计以及快速获取所需的所有必要电缆启动并运行。记录器可记录超过1,000,000个读数和存储介质是非易失性固态存储器，即使在电池耗尽的情况下也能提供最大的数据安全性出院。设备可以直接从计算机启动和停止采样率使用 MadgeTech 软件。• $\pm 2.5\%$ 校准精度超过 10 至

- 耐用的记录仪外壳
- 3 杯风速计
- 0 至 100 MPH (0 至 160KPH) 范围
- 10 秒分辨率为 0.085 MPH

100 英里/小时 (16 至 160 公里/小时) 范围

- 1 秒读取速率
- 多重启动/停止功能
- 超高速下载
- 1,047,552 读数存储容量
- 电池寿命指示器
- 可选密码保护
- 可现场升级

MadgeTech 4 软件功能



图表视图

- 多图叠加 • 平均动力学温度
- 统计 • 全时区支持
- 数字校准 • 数据注释
- 放大/缩小 • 最小/最大/平均线

统计数据

Serial	Channel	Point Count	Maximum	Minimum	Avg
A0000	Pulse	1000	100.00 mph	20.00 mph	50.00

统计数据

Report Properties

Report Properties	Export to Excel	Report Options

导出到 Excel

	Time	Time Zone	Delta
1	11:37 PM	04:00	-01:00:00
2	11:37 PM	04:00	+00:01:00
3	11:53 PM	04:00	+00:03:00
4	11:53 PM	04:00	+00:03:00
5	11:53 PM	04:00	+00:04:00
6	11:53 PM	04:00	+00:05:00
7	11:53 PM	04:00	+00:06:00
8	11:53 PM	04:00	+00:07:00
9	12:13 PM	04:00	+00:08:00
10	12:13 PM	04:00	+00:09:00
11	12:13 PM	04:00	+00:10:00
12	12:13 PM	04:00	+00:11:00
13	12:53 PM	04:00	+00:12:00
14	12:53 PM	04:00	+00:13:00
15	12:53 PM	04:00	+00:14:00
16	12:53 PM	04:00	+00:15:00

SPECIFICATIONS

EO: sales@eofirm.com | www.eofirm.com | 0755-84200058

MEASUREMENT	
Measurement Range	0 to 100 mph (0 to 45 m/s)
Resolution	0.085 mph at 10 second reading interval
Accuracy	±2.0 mph from 0 to 10 mph ±2.5% of reading from >10 to 100 mph
Starting Threshold	1.75 mph
Input Connection	6-position removable screw terminal

GENERAL	
Start Modes	Immediate start Delay start up to 18 months Multiple pushbutton start/stop
Stop Modes	Manual through software Timed (specific date and time)
Multiple Start/Stop Mode	Start and stop the device multiple times without having to download data or communicate with a PC
Real Time Recording	May be used with PC to monitor and record data in real time
Password Protection	An optional password may be programmed into the device to restrict access to configuration options. Data may be read out without the password.
Memory	1,0475,520 readings; software configurable memory wrap 523,776 readings in multiple start/stop
Wrap Around	Yes
Engineering Units	See the Wind101A Product User Guide for instructions on how to program wind speed engineering units.
LEDs	2 status LEDs

Reading Rate	1 reading every second up to 1 reading every 24 hours
Battery Type	3.6V lithium battery included; user replaceable
Battery Life	Dependent on frequency and duty cycle 10 months typical at 25 °C and 10 second reading rate
Time Accuracy	±1 minute/month at 25 °C (77 °F) (Stand alone mode)
Computer Interface	USB (interface cable required); 115,200 baud
Operating System Compatibility	Windows XP SP3 or later
Software Compatibility	Standard Software version 2.03.06 or later Secure Software version 4.1.3.0 or later
Anemometer Operating Environment	55 °C to +60 °C (-67 °F to +150 °F) 0 %RH to 100 %RH
Data Logger Operating Environment	-20 °C to +60 °C (-4 °F to +140 °F) 0 %RH to 100 %RH
IP Rating	IP65
Enclosure Dimensions	2.9 in x 5.8 in x 1.5 in (74 mm x 148 mm x 39 mm)
Anemometer Dimensions	2.1 in height x 7.53 in diameter (54 mm height x 192 mm dia.)(mount post not included)
Material	Polycarbonate
Weight	18.1 oz (513 g)
Approvals	CE

BATTERY WARNING: FIRE, EXPLOSION AND SEVERE BURN HAZARD. DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 100 °C (212 °F), INCINERATE, CRUSH, OR EXPOSE CONTENTS TO WATER.

Ordering Information

Wind101A (25 ft)	PN 901870-00	Wind speed data logger. Includes 3-cup anemometer with sensor connection cable (25 ft), weatherproof enclosure and the IFC200 (USB) interface cable.
Wind101A (50 ft)	PN 901877-00	Wind speed data logger. Includes 3-cup anemometer with sensor connection cable (50 ft), weatherproof enclosure and the IFC200 (USB) interface cable.
Wind101A (100 ft)	PN 901872-00	Wind speed data logger. Includes 3-cup anemometer with sensor connection cable (100 ft), weatherproof enclosure and the IFC200 (USB) interface cable.
Wind101A (150 ft)	PN 901874-00	Wind speed data logger. Includes 3-cup anemometer with sensor connection cable (150 ft), weatherproof enclosure and the IFC200 (USB) interface cable.
LTC-7PN	PN 900352-00	Replacement battery for the Wind101A