



# TECHNICAL DATA

# **REED** R1600 ( )HOLD SMART

### Features

- Measures air velocity (m/s, ft/min, km/h and mph), air temperature and humidity
- Easy to operate, designed for one hand operation
- Integrated display provides flexibility for use without mobile device
- Magnetic backing allows instrument to be mounted to metallic surfaces
- Data Hold function
- Low battery indicator and auto shut off
- Tripod mount for long-term monitoring

#### When used with REED Smart Series App:

- Calculates air volume
- Real-time data logger
- User selectable sampling rate from 1 to 120 seconds
- Bluetooth $^{\circ}$  5.0 provides connectivity to instruments up to 246' (75m) away
- Connect, measure and datalog up to 6 instruments, simultaneously
- Easy setup with automatic app integration for compatible REED Smart Series instruments
- Export data via Excel or PDF and create custom reports that can be emailed from mobile device
- Includes 4 x AAA batteries and protective cap

Continued...

# **REED** Instruments





# TECHNICAL DATA

#### **Specifications**

#### Air Velocity (Anemometer)

Measuring Range:

Accuracy:

Resolution:

Temperature

Measuring Range: Accuracy:

Resolution: Humidity Measuring Range: Accuracy:

Resolution: General Specifications Display:

Display Size: Backlit Display: Data Hold: Datalogging Capabilities: Real-Time Clock and Date Stamp: Customizable Sampling Rate: Overrange Indicator: Auto Shut-off: fpm: 118 to 4921 m/s: 0.6 to 25 km/h: 2.1 to 90 mph:1.3 to 55.9 fpm: ±(40fpm +3.5%) m/s: ±(0.2m/s +3.5%) km/h: ±(0.8km/h +3.5%) fpm:1 m/s: 0.1 km/h: 0.1 mph: 0.1

-4 to 140°F (-20 to 60°C) -4 to 32°F (-20 to 0°C): ±1.6°F (0.8°C) 32 to 140°F (0 to 60°C): ±1°F (0.5°C) 0.1°F/°C

0 to 100% RH 20 to 80% RH: ±3.5% rdg. 0 to 20% & 80 to 100% RH: ±5% rdg. 0.1% RH

Multi-Line Enhanced Black Twisted Nematic (EBTN) LCD 1.3" (34mm) Yes Yes Yes Yes (with Smart Series App)

Yes (with Smart Series App)

Yes Yes Yes (adjustable) Tripod Mountable: Magnetic Backing: Low Battery Indicator: Power Supply: Battery Life:

Connectivity: Bluetooth® Range: Max # of Connected Devices: Software:

App Supported Languages: Product Certifications: Maximum Operating Altitude: Operating Temperature: Storage Temperature: Operating Humidity Range: Storage Humidity Range: Dimensions:

Weight:

Yes Yes 4 x AAA Batteries Approx. 50 hours (sampling time dependent) Bluetooth<sup>®</sup> 5.0 Up to 246' (75m)

6 REED Smart Series App (iOS and Android)

English, French CE, UKCA, FCC, IC ID

6561' (2000m) -4 to 122°F (-20 to 50°C) -4 to 140°F (-20 to 60°C)

10 to 90%

10 to 90% 6.9 x 1.5 x 1" (175 x 38 x 25mm) 3.8oz (108g)

## R1600-KIT

Data Logging Smart Series Vane Anemometer with Tripod and Carrying Case

Includes: R1600 Vane Anemometer, R1500 Tripod and CA-05A Medium Soft Carrying Case Continued...

# **REED Instruments**





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## R16X0-KIT

Data Logging Bluetooth Smart Series Kit

Includes: R1600 Vane Anemometer, R1610 Thermo-Hygrometer, R1620 Sound Level Meter, R1630 Light Meter, R1640 Thermocouple Thermometer and R9950 Large Soft Carrying Case



## **R16X0-KIT2**

Data Logging Bluetooth Smart Series Environmental Kit

Includes: R1600 Vane Anemometer, R1620 Sound Level Meter, R1630 Light Meter and CA-05A Medium Soft Carrying Case



## R16X0-KIT3

Data Logging Bluetooth Smart Series HVAC Kit

Includes: R1600 Vane Anemometer, R1610 Thermo-Hygrometer, R1640 Thermocouple Thermometer, R2970 Type K Pipe Clamp Thermocouple Probe and CA-05A Medium Soft Carrying Case



Description
Vane Anemometer
Small Soft Carrying Case
Medium Hard Carrying Case
Tripod
Data Logging Smart Series Vane Anemometer with Tripod and Carrying Case
Data Logging Bluetooth Smart Series Kit
Data Logging Bluetooth Smart Series Environmental Kit
Data Logging Bluetooth Smart Series HVAC Kit
Vane Anemometer & NIST

**REED Instruments** 

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