

# Vantage Pro2

## integrated sensor suite (ISS)


**SENSORS**

### Vantage Pro2 ISS

art.no. 6322CM

Cabled integrated sensor suite (ISS) combining a rain collector, temperature and humidity sensor and anemometer all into one system. The Vantage Pro2 can also be customized by adding additional displaying and controlling consoles or by choosing special options.

#### scope of delivery:

- integrated sensor suite (ISS) with rain collector, temperature and humidity sensor and anemometer (passive shield)
- 12 m anemometer cable
- mounting hardware
- 30 m cable from console to integrated sensor suite

|   |  |   |
|---|--|---|
| <b>wind speed</b>   | meas. range:   | 1.0 m/s to 80.0 m/s or<br>1 km/h to 320 km/h    |
|   | resolution:  | 0.1 m/s or 1 km/h                               |
|   | accuracy:  | ±5%   |
|   | wind speed can optionally be indicated in meters/second (m/s), kilometers/hour (km/h), miles/hour (mph) or knots |   |
|   | wind development in connection with WeatherLink only   |   |
| <b>wind direction</b>   | meas. range:   | 0° to 360°                                      |
|   | resolution:  | 1° on numeric display,<br>22.5° on compass rose |
|   | accuracy:  | ±3°   |
| <b>outdoor temperature</b>  | meas. range:   | -40.0°C to +65.0°C                              |
|   | resolution:  | 0.1°C   |
|   | accuracy:  | ±0.5°C  |
|   | optional indication in °F  |   |
| <b>wind chill</b><br>(calculated value: difference between measured and felt temperature on base of wind speed)         | meas. range:   | -79°C to +57°C                                  |
|   | resolution:  | 1°C   |
|   | accuracy:  | ±1°C  |
|   | optional indication in °F  |   |
| <b>heat index (outdoors)</b><br>(calculated value: felt temperature based on air temperature and relative air humidity) | meas. range:   | -40°C to +74°C                                  |
|   | resolution:  | 1°C   |
|   | accuracy:  | ±1.5°C  |
|   | optional indication in °F  |   |
|   | heat index (indoors) in connection with WeatherLink only   |   |

Order directly online at: [www.gsg-e-shop.com](http://www.gsg-e-shop.com)



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|                                     |   |  |
|-------------------------------------|---|--|
| <b>relative humidity (outdoors)</b> | meas. range:  | 1 % to 100 %                                   |
|                                     | resolution:   | 1 %  |
|                                     | accuracy:   | ±3 %   |
| <b>dewpoint (outdoors)</b>          | meas. range:  | -76°C to +54°C                                 |
|                                     | resolution:   | 1°C  |
|                                     | accuracy:   | ±1.5°C   |
|                                     | optional indication in °F<br>dewpoint (indoors) in connection with WeatherLink only   |  |
| <b>precipitation</b>                | <b>rainfall</b>   |  |
|                                     | meas. range:  | 0.0 mm to 6,553.0 mm                           |
|                                     | resolution:   | 0.2 mm   |
|                                     | accuracy:   | ±4 %   |
|                                     | <b>rate of rainfall</b>   |  |
|                                     | meas. range:  | 0.0 mm/h to 2,438.0 mm/h                       |
|                                     | resolution:   | 0.1 mm/h                                       |
|                                     | accuracy:   | ±5 % ≤127 mm/h                                 |
|                                     | precipitation can be indicated optionally in inch (in) or millimeter (mm) respectively in inches/hour (in/h) or millimeters/hour (mm/h) |  |
| <b>general information</b>          | <b>ISS</b>  |  |
|                                     | dimensions (L x W x D):   | 279 mm x 388 mm x 238 mm                       |
|                                     | weight:   | approx. 2.6 kg                                 |
|                                     | housing material:   | UV-resistant PVC plastic                       |
|                                     | power source:   | Vantage Pro2 console / AC-power adapter        |
|                                     | permissible operating temperature:  | -40°C to +65°C                                 |
|                                     | connectors:   | modular RJ-11                                  |
|                                     | cable type:   | 4-conductor, 26 AWG                            |
|                                     | cable length (anemometer):  | 12 m (included)<br>165 m (maximum recommended) |

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