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<h1>ATMOS 22 GEN 2, Quick Start Guide</h1>		18580	
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Dimensions: 8.25 in wide x 5.25 in tall (folded), 8.25 in wide x 10.5 in tall (not folded)

Colors: CMYK/Full Color 4/4


Printer Type: In-House Printer

Material: Card stock, Bright White, 216 g/m² (folding cardstock)

Image below is for reference only. Not to scale.



ATMOS 22 GEN 2
SONIC ANEMOMETER



SUPPORT

Have a question or problem? Our support team can help.

We manufacture, test, calibrate, and repair many instruments in-house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

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ATMOS 22 GEN 2 QUICK START

Preparation

Verify that all ATMOS 22 GEN 2 components arrived intact. Installation will require a 15-mm (1/2-in) and 6-mm (1/8-in) wrench and a secure mounting location. METER recommends a non-polluted, shaded, pole in cement, or tripod with a 31.5- to 50.8-mm (1.25- to 2-in) diameter.

Set up and test the system (sensors and data logger) in a lab or office. Enter the data logger via using up-to-date firmware and software. Verify all sensors read within expected ranges.

Before beginning installation, consider the surroundings and avoid obstructions. Many installations require the ATMOS 22 GEN 2 to be mounted 2 m above ground, but this can be adjusted as needed.

Please read the complete ATMOS 22 GEN 2 User Manual at <http://metergroup.com/atmos22>.

Connecting

Plug into Data Acquisition System

Connect the anemometer plug connector into any METER data logger and configure it to read the ATMOS 22 GEN 2 per the ATMOS 22 User Manual. Select a non-zero measurement interval to ensure data are being logged.

To connect to a non-METER data logger, see the ATMOS 22 Integrator Guide at metergroup.com/atmos22-support.

Verify Readings

Use the **Batch** function in the software to show a list of readings. Verify these readings are within expected ranges.

ATTENTION

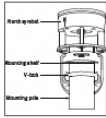
For best results, use the latest versions of METER software and firmware for the computer or mobile device, products, and sensors. Please use the software help menu to find updates. Consult the sensor user manual for zero troubleshooting tips.

All products have a 30-day satisfaction guarantee.

Installation

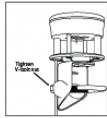
1. Mount Toward True North

Place the top of the post into the mounting plate. The ATMOS 22 GEN 2 must be oriented with the N on the instrument oriented to true north (not magnetic north).



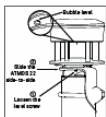
2. Secure the System

Tighten the 6-mm nut by hand and turn right, and then tighten with the 15-mm wrench. **CAUTION:** Do not over-tighten.



3. Level the Device

Use the bubble level underneath the ATMOS 22 GEN 2. The weather station angle can be adjusted by loosening the leveling screw attached to the bottom with the 6-mm wrench included. Once level, move the weather station into its slot as needed to level, and then tighten the screw.



4. Plug Sensor in and Configure Logger

Plug sensor plug connector into the data logger. Use data logger software to apply appropriate settings to the sensors plugged into each data logger port.

Verify that the ATMOS 22 GEN 2 is reporting to the Z-L before leaving the installation site.

