

Vaetrix ATMOS Special ETG-300-I-33-SW (6-25-25 JMD)

- 1.) Power up unit on Batteries and Hit Menu Key/DATALOG/CONFIGURE/SET INTERVAL – 10 MINS – SELECT KEY - Power Down Unit
- 2.) Connect the Unit to USB and Launch SCPI
- 3.) FACT:RES 0 and FACT:RES? = To Verify the Resolution is +-1 PSI
- 4.) FACT:CWL:WARN and FACT :CWL? = To Verify the Calibration is set to WARN
- 5.) FACT:CAL:DATE 16-JUN-2025 = Look at Cert to Get the Date
- 6.) FACT:CAL:DUE 16-DEC-2025 = Set to 6 Months from the Calibration Date
- 7.) Store the Calibration
- 8.) Remove the USB Cable and power up via Batteries to verify everything
- 9.) Place a Green Dot next to Model Number on the Shipping Carton to verify completion

**** ADD A SPACE AFTER THE COMMAND SET IN SCPI – THAT MAYBE WHY YOU DON'T GET A RESPONSE**



The current method of managing calibration date/time is handled via SCPI. This is an ASCII-II based communication protocol which can be used to program and talk to the gauge. This separate application that must be installed on a Windows PC for the gauge to communicate over USB. Once the gauge is connected, it will turn BLUE and list Model/SN/Revision (see image below). The gauge can be set into four modes as shown below. Will be working on an easier to implement solution.

Supported Modes and Capabilities

Features/Modes	Not Set (X)	No Cal Protection	Warn Calibration Expired	Lock on Calibration Expired
Display Cal Info on Opening Screen	No	No	Always	Always
Warning Screen – 45 Days until Cal Due	N/A	N/A	Yes	Yes
Key to Get Out of Warning Screen	N/A	N/A	Yes	Yes
Key to Get Out Cal Expired	N/A	N/A	Yes	No
Check Cal Status	N/A	N/A	Yes	Yes
Unlock on Sync without Power-Up	N/A	N/A	Yes	Yes
Ability to Set Time	N/A	N/A	No	Yes
Ability to Set Date	N/A	N/A	No	Yes
Red Backlight of Cal Expired	N/A	N/A	Yes	Yes
Cal Info Menu	No	Yes	Yes	Yes
Time Format (12/24)	Yes	Yes	Yes	Yes

Commands

*IDN? = Displays Gauge Info
SYST:DATE? = Displays Date (Real Time Clock in Gauge)
FACT:CWL? = Display Mode Status (X/NONE/WARN/LOCK)
FACT:CWL WARN = Set Mode to WARN
FACT:CAL:DATE? = Displays Calibration Date DD-MMMM-YYYY
FACT:CAL:DATE 04-APR-2024 = Set Cal Date to April 4, 2024
FACT:CAL:DUE? = Displays Calibration Due Date
FACT:CAL:DUE 04-APR-2025 = Set Due Date to April 4, 2025
Hit Send button after each command prompt.
After you set Mode, Cal Date, and Due Date press the Store Cal button!



SCPI Program

SCPI Tester

Vaetrix,ETG-5K-I-05-BT,1611847003,3.98

Auto Connect
Disable

Manual Connect
COM COM4 Connect

Load sequence from file

Command Choices

LIST?

Load command

Send a file

Commands to Send

☐ Auto Advance ☐ Send Continuous

☐ Build Test Sequence

☐ Data Logging Upgrade Code
BHDEMJNHIM

*IDN?

Send

Get reading

Read Baro

Remove Serial Number

Show Cal

Store Cal

Save sequence to file

Change Sensors

Command Sent

*IDN?

Response

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No Further Response

Error Codes

☐ Monitor Errors

☐ Append New Errors