

VAISALA

Insight PC software

For easy access to Indigo compatible probes



Features

- Easy access to configuration settings and measurement data of compatible devices
- Simple setup, diagnostics, and field calibration and adjustment
- Supports Indigo smart probes and a selection of other Vaisala devices
- Connect up to 6 devices simultaneously

Calibration is needed for verifying and maintaining measurement accuracy over time and ensuring the quality and reliability of the measurement. Vaisala Insight PC software gives quick access to the configuration and calibration of Indigo smart probes and other compatible devices.

Indigo product family

Vaisala Indigo compatible smart probes are self-contained, interchangeable measurement probes. The probes can be used as standalone digital Modbus RTU devices, or together with Indigo series transmitters that provide flexibility in terms of system interface: display, service interface, and powering options. The Indigo product family provides various ways to interact with the device. The probe settings and calibration can be done through the Indigo transmitter, using a Wi-Fi connection or local display, or the probes can be detached from the process and connected to a PC with a USB cable for setup and field calibration using Insight PC software.

High-quality field calibration

Field calibration is a quick way to check and validate the measurement. The simplest form of field calibration is comparison with a portable instrument.

However, when more accuracy is needed or more than one point has to be calibrated, the calibration should be made using a calibrator in the controlled environment of a laboratory or a workshop.

When a high-quality calibration in a controlled environment is needed, just detach the probe from the process, bring it to the laboratory, connect to the USB cable, and launch the Insight PC software. Up to 6 devices can be connected to Insight simultaneously. The software automatically detects the connected devices, and makes calibrating easy with an intuitive graphical user interface.

Diagnostics and more

Vaisala Insight PC software provides access to diagnostics data and device specific advanced features, such as event logs, parameter backup copy, or electronic copy of the calibration

certificate. It also allows easy testing and evaluation – the 48-hour data logging functionality allows recording data from up to 6 devices simultaneously, with easy export to Excel readable format.

Technical requirements

Vaisala Insight PC software is available in English and Japanese, and it operates on 64-bit Windows 7, Windows 8.1 and Windows 10 operating systems. One product specific USB cable (type A connector) per connected probe is needed.

Vaisala Insight software is available for download from www.vaisala.com/insight.

Devices compatible with Insight software

Compatible Indigo smart probes

| Measurement type | Probe models |
|-----------------------------|------------------------------------|
| Humidity and temperature | HMP3, HMP4, HMP5, HMP7, HMP8, HMP9 |
| Temperature | TMP1 |
| Dew point | DMP5, DMP6, DMP7, DMP8 |
| CO ₂ | GMP251, GMP252 ¹⁾ |
| Vaporized hydrogen peroxide | HPP271, HPP272 |
| Moisture in oil | MMP8 |

1) All GMP251 and GMP252 probes manufactured from 2017 onwards (serial numbers starting with the letter N or later in alphabetical order) have full Indigo compatibility.

Other compatible devices

| Device or series | Models |
|--|--|
| DMT143 dew point transmitter | DMT143 and DMT143L |
| HMD60 series humidity and temperature transmitters | HMD62, HMD65, and TMD62 |
| HMDW110 series humidity and temperature transmitters | HMW110, HMDW112, HMD110, HMD112, HMS110, and HMS112 |
| HMM170 humidity measurement module | HMM170 |
| HMP110 series humidity and temperature probes | HMP110, HMP110T, HMP113, HMP115, HMP115T, and TMP115 |
| HMP60 series humidity and temperature probes | HMP60 and HMP63 |
| MGP261 multigas probe | MGP261 |



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