



Insight PC software

For easy access to Indigo-compatible probes



Features

- Easy access to configuration settings and measurement data of supported devices
- Simple setup, diagnostics, and field calibration and adjustment
- Supports Indigo-compatible 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-compatible smart probes and other supported 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 or the Indigo80 indicator, which 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 local display of an Indigo transmitter or the Indigo80 indicator. Alternatively, 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, and 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 Windows 10 operating systems or newer. One product specific USB cable (type A connector) per connected probe is needed.

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

Devices supported by Insight software

Indigo-compatible smart probes

| Measurement type | Probe models |
|-----------------------------|--|
| Humidity and temperature | HMP1, HMP3, HMP4, HMP5, HMP7, HMP8, HMP9 |
| Temperature | TMP1 |
| Dew point | DMP5, DMP6, DMP7, DMP8 |
| Carbon dioxide | GMP251, GMP252 |
| Vaporized hydrogen peroxide | HPP271, HPP272 |
| Moisture in oil | MMP8 |

Indigo transmitters and handheld devices

| Device or series | Models |
|---|----------------------|
| Indigo200 Transmitter ¹⁾ | INDIGO201, INDIGO202 |
| Indigo300 Transmitter | INDIGO300 |
| Indigo80 Handheld Indicator | INDIGO80 |
| DMP80 Series Handheld Dew Point Probes | DMP80A, DMP80B |
| HMP80 Series Handheld Humidity and Temperature Probes | HMP80L, HMP80N |

1) Requires model with USB-C connection, introduced in 2022. Models with WLAN connection are not supported by Insight software.

Other supported devices

| Device or series | Models |
|--|--|
| DMT143 Miniature Dew Point Transmitters | DMT143, DMT143L |
| GMD110 Duct Carbon Dioxide Transmitter | GMD110 |
| HMD60 Series Humidity and Temperature Transmitters | HMD62, HMD65, TMD62 |
| HMDW110 Series Humidity and Temperature Transmitters | HMW110, HMW112, HMD110, HMD112, HMS110, HMS112, TMI110 |
| HMM170 Humidity Measurement Module | HMM170 |
| HMP110 Series Humidity and Temperature Probes | HMP110, HMP110T, HMP113, HMP115, HMP115T, TMP115 |
| HMP60 Series Humidity and Temperature Probes | HMP60, HMP63 |
| HMT370EX Series Intrinsically Safe Humidity and Temperature Transmitters | HMT370EX, HMP371, HMP373, HMP374, HMP375, HMP377, HMP378 |
| MGP260 Series Multigas Probes | MGP261, MGP262 |
| Polaris™ Refractometers | PR53AC, PR53AP, PR53GC, PR53GP, PR53M, PR53W, PR53SD |