VAISALA

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 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, 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 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 at www.vaisala.com/insight.

Devices supported by Insight software

Indigo compatible smart probes

Humidity and temperatureHMP1, HMP3, HMP4, HMP5, HMP7, HMP8, HMP9TemperatureTMP1Dew pointDMP5, DMP6, DMP7, DMP8CO2GMP251, GMP252Vaporized hydrogen peroxideHPP271, HPP272Moisture in oilMMP8Other supported devicesVaporized hydrogen peroxideDMT143 Miniature Dew Point TransmittersDMT143, DMT143LHMD60 Series Humidity and Temperature TransmittersHMD62, HMD65, TMD62HMD10 Series Humidity and Temperature TransmittersHMM110, HMD112, HMS110, HMS112HMM170 Humidity Measurement ModuleHMM170	Measurement type	Probe models
Dew point DMP5, DMP6, DMP7, DMP8 CO2 GMP251, GMP252 Vaporized hydrogen peroxide HPP271, HPP272 Moisture in oil MMP8 Other supported devices Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMS110, HMS112	Humidity and temperature	НМР1, НМР3, НМР4, НМР5, НМР7, НМР8, НМР9
CO2 GMP251, GMP252 Vaporized hydrogen peroxide HPP271, HPP272 Moisture in oil MMP8 Other supported devices Models Device or series Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMS110, HMS112	Temperature	TMP1
Vaporized hydrogen peroxide HPP271, HPP272 Moisture in oil MMP8 Other supported devices Models Device or series Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMD110, HMS110, HMS112	Dew point	DMP5, DMP6, DMP7, DMP8
Moisture in oil MMP8 Other supported devices Models Device or series Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMS110, HMS112	CO ₂	GMP251, GMP252
Other supported devices Models Device or series Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMDW112, HMD110, HMD112, HMS110, HMS112	Vaporized hydrogen peroxide	HPP271, HPP272
Device or series Models DMT143 Miniature Dew Point Transmitters DMT143, DMT143L HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMS110, HMS112	Moisture in oil	MMP8
HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMD110, HMD112, HMS110, HMS112		
HMD60 Series Humidity and Temperature Transmitters HMD62, HMD65, TMD62 HMDW110 Series Humidity and Temperature Transmitters HMW110, HMD112, HMD110, HMD112, HMS110, HMS112	Other supported devices	
HMDW110 Series Humidity and Temperature Transmitters HMW110, HMDW112, HMD110, HMD112, HMS110, HMS112	Device or series	
	Device or series	
HMM170 Humidity Measurement Module HMM170	Device or series DMT143 Miniature Dew Point Transmitters	DMT143, DMT143L
	Device or series DMT143 Miniature Dew Point Transmitters HMD60 Series Humidity and Temperature Transmitters	DMT143, DMT143L HMD62, HMD65, TMD62
HMP110 Series Humidity and Temperature Probes HMP110, HMP110T, HMP113, HMP115T, TMP115T, T	Device or series DMT143 Miniature Dew Point Transmitters HMD60 Series Humidity and Temperature Transmitters HMDW110 Series Humidity and Temperature Transmitters	DMT143, DMT143L HMD62, HMD65, TMD62 HMW110, HMDW112, HMD110, HMD112, HMS110, HMS112
HMP60 Series Humidity and Temperature Probes HMP60, HMP63	Device or series DMT143 Miniature Dew Point Transmitters HMD60 Series Humidity and Temperature Transmitters HMDW110 Series Humidity and Temperature Transmitters HMM170 Humidity Measurement Module	DMT143, DMT143L HMD62, HMD65, TMD62 HMW110, HMDW112, HMD110, HMD112, HMS110, HMS112 HMM170
MGP260 Series Multigas Probes MGP261, MGP262	Device or series DMT143 Miniature Dew Point Transmitters HMD60 Series Humidity and Temperature Transmitters HMDW110 Series Humidity and Temperature Transmitters HMM170 Humidity Measurement Module HMP110 Series Humidity and Temperature Probes	DMT143, DMT143L HMD62, HMD65, TMD62 HMW110, HMDW112, HMD110, HMD112, HMS110, HMS112 HMM170 HMP110, HMP110T, HMP113, HMP115T, TMP115



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