

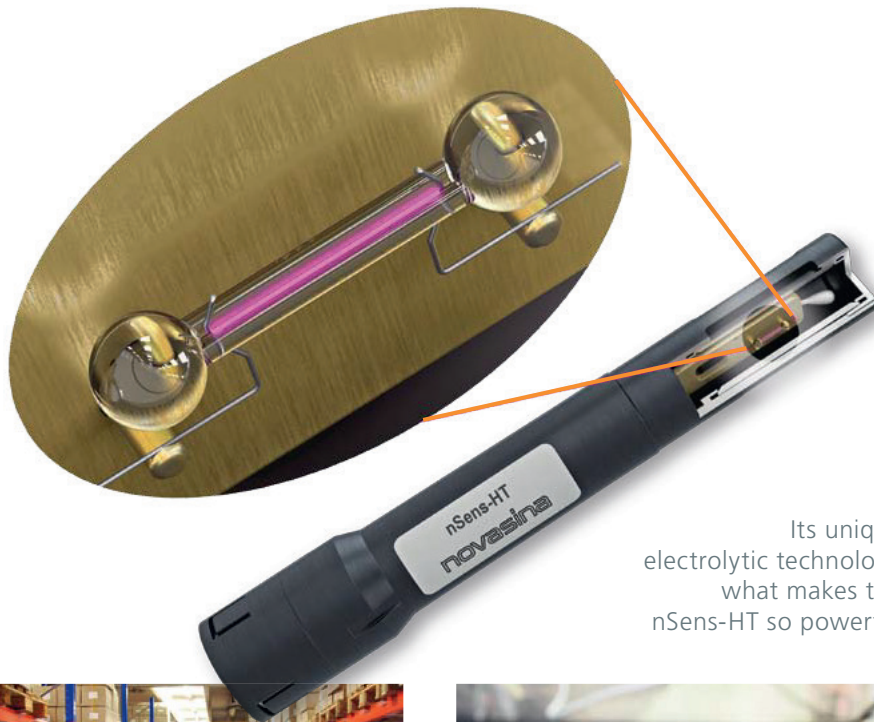


nSens-HT relative humidity sensor

**Unique measurement technology
with added value ...**

...also for your application





Its unique
electrolytic technology
what makes the
nSens-HT so powerful

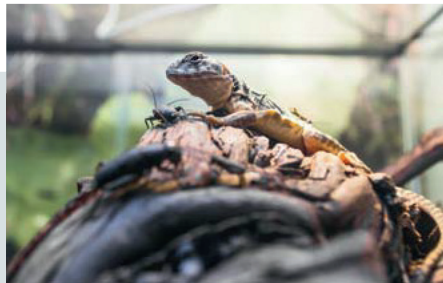
**Swiss quality, flexibility
and competence for over
50 years.**

Novasina products set global
standards for the precise
measurement of relative
humidity and temperature in
air, gases and materials.

They are all based on our
signature electrolytic sensor
for humidity measurement.



Storage and logistics



Air-conditioning



Meteorology

A new level of air humidity measurement

- fastest response within the measurement range from 0% to 100%RH
- drift-free measurement of relative humidity (> 70%RH)
- highest accuracy (+/-0.5%) and repeatability
- insensitive to volatile components NH_3 , H_2O_2 etc.)

Innovative digital combined sensor

- calibration and identification data stored directly in the sensor
- automatic sensor recognition
- versatile connectivity



Clean room



Ripening cellar



Food production

Flexible communication

nLink Modbus-RTU

Digital

Direct integration
using bus topology

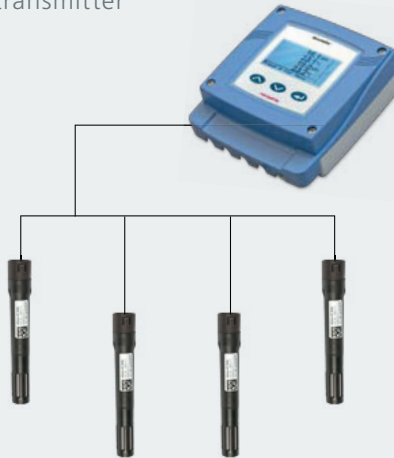


- Plug & Play sensor replacement
- Parameterisation software
- Retrieval of all climate and calibration data

QuantaDat

Analogue mA/V

Multi-sensor
transmitter



- Multi-sensor architecture
- Automatic sensor recognition
- Cable lengths up to 100 metres

DataLog30

Network/Ethernet

Data transmission via distributed
storage systems to the cloud
or internal databases



- Flexible room monitoring
- Possibility to connect to multiple sensors
- Availability of alerts and cloud integration

Calibration and reference measurement

ClimMate set

Mobile reference measurement with the nSens-HT complete set (air humidity and temperature)



- Complete set, including humidity standards, logger software and cable
- Integrated logger and pressure sensor
- Possibility to connect to other climate sensors

SAL-SC humidity standards

Reusable humidity standards ($\pm 0.3\%RH$) for various humidity points



- Humidity generators for 4–97%RH
- Ready to use and reusable as often as required for up to five years
- Available with accreditation

nSoft-CAL calibration set

USB cable for the nSens-HT and calibration software for flexible sensor adjustment



- Sensors connected directly to the PC via a USB cable
- Easy-to-use and intuitive software
- Ability to use multiple sensors in parallel



Optimised measurement solutions – for all purposes

- Control and adjustment
- Monitoring and alerting
- Registration and visualisation
- Calibration and validation
- Maintenance and commissioning

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