

SMAXTEC

CLIMATE SENSOR SX.2.1

The **smaXtec Climate Sensor SX.2.1** continuously measures ambient temperature, humidity and atmospheric pressure in the barn. The data are sent to the smaXtec Base Station SX.2. If there is a risk of heat stress, the system informs you automatically.



ADVANTAGES OF CLIMATE MEASUREMENT IN THE BARN:

The THI (Temperature humidity index) provides valuable information about the risk of heat stress in the barn.



TECHNICAL DETAILS

- **Dimensions** 130 × 160 × 60 mm (L × W × H)
- **Weight** 415 g with batteries
- **Antenna** Internal
- **Batteries** 2 x AA, 1.5 V, replaceable
- **Material** Dustproof and waterproof plastic (IP 66)
- **Measurement interval** 10 minutes
- **Measurement range**
 - Relative humidity: 0 – 100 % RH
 - Temperature in range section: -40 to 120 °C
 - Absolute range in the measurement range section: 260 to 1260 hPa
- **Measurement accuracy**
 - Temperature: 0 to 60 °C: ± 0.2 °C / 32 °F to 140 °F: ± 32.36 °F
 - Temperature: -40 to 0 °C: ± 0.6 °C / -40 °F to 32 °F: ± 33.08 °F
 - Temperature: 60 to 120 °C: ± 0.6 °C / 140 °F to 248 °F: ± 33.08 °F
 - Relative humidity at 25 °C / 77 °F: 10 to 90 % ± 2 % RH
 - Relative humidity: 0 to 10 % and 90 to 100 % ± 3 % RH
- **Atmospheric pressure** Absolute accuracy: (T = -20 to 80 °C) ± 0.5 hPa

Please read the [Quickstart Guide](#) and the [safety and product information](#) carefully before using the product and ensure that the devices are only used in accordance with the instructions.

Hereby, smaXtec animal care GmbH declares that the radio equipment type smaXtec Climate Sensor SX.2.1 is in compliance with the Directive 2014/53/EU. The full text of the EU declaration of conformity can be accessed here: <http://smaxtec.com/eu-declaration-of-conformity>

UNDERSTAND YOUR COW. **FROM WITHIN.**

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