

Laserliner

CondenseSpot XP



Professional climate/humidity/temperature measuring device for localising thermal bridges and condensation using a Digital Connection interface

The CondenseSpot XP allows the precise measurement of surface, ambient, dew point, contact and wet bulb temperatures as well as relative humidity. In this way, thermal bridges and condensation can be effectively localised and damage to the building structure prevented. It can be used in places that are difficult to reach and in endangered measuring zones. The measured values can be transferred through the Digital Connection interface to a mobile phone and saved using the memory function.

- Wide range of measurement options: surface, ambient, dew point, contact, wet-bulb temperatures, relative humidity
- Allows temperature measurement in difficult-to-reach places and in hazardous measuring zones
- Effective localisation of cold bridges and condensation humidity through non-contact temperature measurement
- Simple transfer of measured data through Digital Connection interface to mobile phone
- Comprehensive information: display of the smallest, largest, average or differential infrared measured values



TECHNICAL SPECIFICATIONS

MEASURED VARIABLE	Infrared temperature Contact temperature Humidity Ambient temperature Dew point temperature Wet-bulb temperature
MODE	Dew point Thermal bridge Min/Max Mean value Difference
MEASURING RANGE AMBIENT TEMPERATURE	-20°C ... 65°C
ACCURACY AMBIENT TEMPERATURE	0°C ... 50°C (± 1°C) <0°C and >50°C (± 2.5°C)
MEASURING RANGE INFRARED TEMPERATURE	-40°C ... 800°C
ACCURACY INFRARED TEMPERATURE	-40°C ... 0°C (± 1°C + 0.1°C/1°C) 0°C ... 33°C (± 1°C) >33°C (± 2°C or ± 2%, greater value applies)
MEASURING RANGE HUMIDITY (RELATIVE)	1% ... 99%
ACCURACY (ABSOLUTE) HUMIDITY (RELATIVE)	20% ... 80% (± 3%) <20% and >80% (± 5%)
MEASUREMENT RANGE DEWPOINT TEMPERATURE	-50°C ... 50°C
CONTACT TEMPERATURE MEASURING RANGE	-30°C ... 1372°C



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