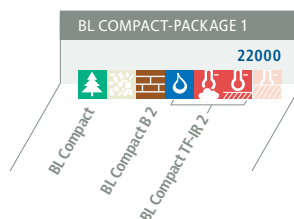




## HYDROMETTE BL COMPACT TF-IR 2



see page 18

The BL Compact TF-IR 2 unit has sensors for surface temperature infrared measurements as well as for measuring air temperature, and air relative humidity.

This combination of the different measuring techniques enables the TF-IR 2 unit to be used for quickly and reliably assessing dew point undershoots or determining borderline conditions on surfaces such as walls, ceilings, floors as well as on window or door lintels. In addition to displaying the measured value, the unit creates an audible signal when a critical surface temperature is detected. When using the unit in due time mould formation (fungal growth) may be prevented and occurrence of moistening caused by condensation may be assessed reliably.

The TF stick is exchangeable.

### MEASURING RANGES

- **AIR HUMIDITY**  
0 to 100% R.H.  
± 1.8% R.H. (10 to 90% R.H.) (\*)

- **TEMPERATURE**  
*Air temperature:*  
-20 to +80 °C  
± 0.2 °C (10 to +60 °C) (\*)
- **Infrared measuring range**  
-40 to +240 °C  
± 0.5 °C (0 to 60 °C),  
at 0 to 50 °C ambient temperature (\*)

(\*) = sensor accuracy

### PROPERTIES

- Built-in audible interval signal:  
The more the surface temperature is approaching the dew point temperature, the more the signal will change from intermittent to continuous sound.
- Laser pointer for identifying the measuring spot
- 6:1 optical system
- Including dew point temperature and equilibrium wood moisture content (EMC)
- Emissivity adjustable from 20 to 100%
- USB interface for transferring measured values
- Storage of the 5 most recent measured values
- 185 mm [L]

