

## Humidity-/ temperature measurement and evaluation

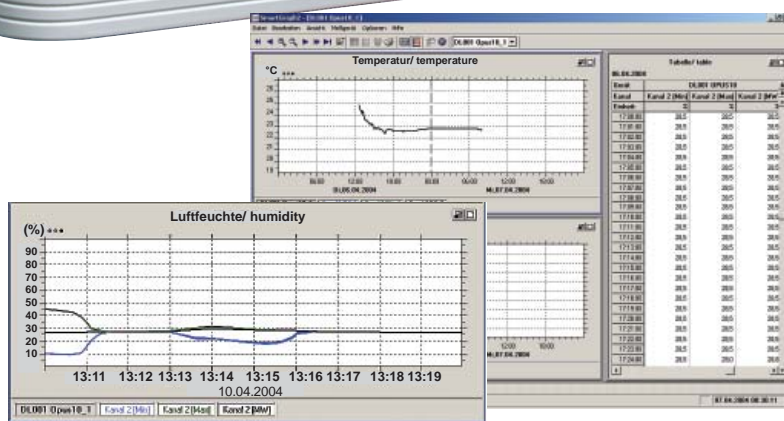
### One has clear view...

on the current values of temperature and humidity by means of the high-resolution and well readable display. The integrated memory function for max-, min- and average values also allows deferred and locally independent evaluations.

Applicable as wall mounted or hand-held measuring instrument, the DUO-LOG is absolutely safe against misadjustment, as there are no control elements present at the housing. All adjustments are carried out very simply by means of the PC-Software.

- integrated, independent sensors for temperature and relative humidity of the air
- easy handling, adjustment and evaluation
- handy design for mobile, flexible applications
- wall mounting device for stationary use

laboratories • museums • offices  
• production halls



### Standard Line

### (962) DUO-LOG 10 Humidity-temperature measuring instrument

|                        |                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measuring elements:    | humidity capacitive • temperature NTC                                                                                                                                                                          |
| Measuring ranges:      | 10...95% r. h. • -20...+50°C                                                                                                                                                                                   |
| Accuracies:            | ± 3 % r. h. • ± 0.3°C at 0...40°C • ± 0.5°C at < 0°C and > 40°C                                                                                                                                                |
| Range of applications: | 0...95% r. h. • -20...+50°C • < 30g/m <sup>3</sup> (non-condensed) • heights max. 5,000 m above sea level                                                                                                      |
| Storage capacity:      | up to 120,000 measured values                                                                                                                                                                                  |
| Measuring intervals:   | 1 • 10 • 30 • 60 seconds • with storage spacing of 1 • 10 • 30 minutes resp. 1 • 3 • 6 • 12 • 24 hours - separate selectable via PC software                                                                   |
| Display:               | digital • LCD • 65 x 40 mm • signals for limit over- resp. understepping                                                                                                                                       |
| Interface:             | RS 232 - Id-No. 00.09620.000 000<br>USB - Id-No. 00.09620.100 000                                                                                                                                              |
| Supply voltage:        | 3.6 V lithium battery                                                                                                                                                                                          |
| Housing/ dimensions:   | 115 x 110 x 25 mm • plastics                                                                                                                                                                                   |
| Weight:                | 0.25 kg (incl. battery)                                                                                                                                                                                        |
| Included in delivery:  | 1 battery • 1 connecting cable between PC and basic unit • 1 wall holder • 1 CD with the manual (German, English) and software for evaluations of series of measurements as well as for settings of the device |
| Extension:             | add-on to the standard software (see separate leaflet)                                                                                                                                                         |