

## Measuring instrument-recorder of microclimate parameters “TKA-PKL” (25)-D with calibration



### Main technical characteristics

|   |                     |
|---|---------------------|
| Measurement range of relative humidity  | 5 ÷ 98% rel. ow.    |
| Air temperature measurement range   | from -30 to +60 ° C |
| Measurement range of atmospheric pressure   | from 70 to 120 kPa  |
| Limits of permissible basic absolute error of relative humidity measurements  | ± 3.0% rel. ow.     |
| Limits of the additional absolute error in measuring the relative humidity when the temperature changes by every 10 ° C in the range from 0 to + 60 ° C | ± 1.5% rel. ow.     |

|  |   |
|--|---|
| Limits of permissible absolute error of air temperature measurement , in the ranges: from -30 to -10 ° C incl.<br>St. -10 to + 15 ° C incl.<br>St. +15 to + 25 ° C incl.<br>St. +25 to + 45 ° C incl.<br>St. +45 to + 60 ° C | ± 0.5 ° C<br>± 0.3 ° C<br>± 0.2 ° C<br>± 0.3 ° C<br>± 0.5 ° C |
| Limits of permissible absolute error of atmospheric pressure measurements at temperatures: from -30 to + 5 ° C incl.<br>St. +5 to + 60 ° C   | ± 0.4 kPa<br>± 0.2 kPa  |
| Memory size, not less  | 524,000 measurements  |
| Communication interface  | USB   |
| Overall dimensions of the device (no more)   | (120 x 67 x 40) mm  |
| Supply voltage   | 3.2V (non-removable battery)                                  |
| Weight (no more)   | 260 g   |
| Life time  | 7 years   |
| MTBF, not less   | 10,000 h  |

### Substantial benefits

- Intuitive device control;
- Internal memory for storing more than 524,000 measurement results in three channels;
- Universal mount that allows you to install the device on almost any surface;

[Instructions for TKA NET Monitor v1.1 \(\\*. Pdf\)](#)

[Instructions for TKA USB Configurator v1.1 \(\\* .pdf\)](#)

[Instructions for TKA USB Monitor v1.1 \(\\* .pdf\)](#)