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. St. -10 to + 15 ° C incl. St. +15 to + 25 ° C incl. St. +25 to + 45 ° C incl. St. +45 to + 60 ° C	± 0.5 ° C ± 0.3 ° C ± 0.2 ° C ± 0.3 ° C ± 0.5 ° C
Limits of permissible absolute error of atmospheric pressure measurements at temperatures: from -30 to + 5 ° C incl. St. +5 to + 60 ° C	± 0.4 kPa ± 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)