

Thermohygrometer “ТКА-ПКМ” (23)



Main technical characteristics

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| Measurement range of relative humidity | 5 ÷ 98% |
| Limits of the basic absolute error of relative humidity measurements in the range from +15 to +25 ° C | ± 3.0% rel. ow. |
| Limits of permissible additional absolute error of relative humidity measurements when the air temperature changes by every 10 ° C in the range from -30 to +15 and over + 25 to +60 ° C | ± 3.0% rel. ow. |
| Air temperature measurement range | from -30 to +60 ° C |

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| Limits of the basic absolute error of temperature measurements in the range from +15 to +25 ° C | ± 0.2 ° C |
| Limits of additional absolute error of air temperature measurements at air temperature, ° C from -30 to -10 inclusive above -10 to +15 inclusive above +25 to +45 inclusive above +45 to +60 | ± 0.3 ° C ± 0.1 ° C ± 0.1 ° C ± 0.3 ° C |
| The dew point is determined in accordance within | from -55 to +60 ° C |
| Wet bulb temperature is calculated according to the analytical formula obtained by statistical processing of Psychrometric Tables, within | from -10 to +60 ° C |
| Memory size, measurements | 262,144 |
| Memory recording intervals | 10 s / 30 s / 60 s / 5 min / 15 min / 30 min / 1 h / 5 h / 10 h / 24 h |

dimensions

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| Overall dimensions of the device: – signal processing unit – measuring probe | (135 x 70 x 25) mm (138 x 15 x 15) mm |
| Device weight (no more) | 0.25 kg |
| Two batteries – AA battery size | 3.0V |

Benefits

Increased speed, improved performance, high-precision and stable temperature sensor, low power consumption, affordable price.

Equipping the device with a computer interface Thermohygrometer “TKA-PKM” (23) allows: to expand the capabilities of the device without prejudice to the time of information acquisition;