Thermoanemometer “TKA-PKM” (52)



Main technical characteristics

Air temperature measurement range	from -30 to +60 ° C
Limits of the basic absolute error of air temperature measurements at air temperatures 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
Air velocity measurement range	0.1 ÷ 20 m / s
Basic absolute error of air velocity measurements (V):	

– in the range (0.1 ÷ 1.0) m / s	± (0.045 + 0.05 V) m / s
– in the range (> 1.0 ÷ 20) m / s	± (0.1 + 0.05 V) m / s
The limits of the admissible additional absolute error of the 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, in fractions of the limits of the permissible basic absolute error	± 1.0

The device Thermoanemometer “TKA-PKM” (52) implements the option of measuring the air velocity averaged over a certain period of time (100 s) (in accordance with the recommendations to SanPiN, see, for example, the Manual “Physical factors. Ecological and hygienic assessment and control “. M.” Medicine “, 1999, vol.2., P. 416).

dimensions

Signal processing unit	(205 x 65 x 28) mm
Measuring head	(375 x Ø22) mm
Probe: diameter max diameter min length	14 mm 10 mm 270 mm

Device weight (no more)	0.35 kg
Two (four) AA batteries	3.0V

Benefits

Compactness and ease of use. Possibility of communication with a PC. High sensitivity. High reliability and non-criticality to the characteristics of controlled flows. Multifunctionality of the anemometer. Nine data cells are organized in the memory of the device. One cell stores the values □□of air velocity and volumetric flow rate, as well as time stamps to the stored data.

Why is it worth buying the TKA-PKM Thermoanemometer (52) from us?

For sanitary inspections in rooms of various profiles, a device is needed that is designed to determine the speed of air flows in a room or in an open space, as well as the temperature regime of the air by means of ultrasonic waves – a thermal anemometer; You can buy it on our website: the TKA-PKM model (52) copes with the assigned tasks perfectly. It has sensitive sensors capable of detecting air movement from 10 cm to 20 m per second, and can determine the air temperature in the range from -30 to +60 degrees Celsius. Battery operation allows you to use the device for a long time, and the ability to connect to a computer allows you to successfully and promptly transfer the results to the database. Any of the devices sold by us has been tested for quality and meets the requirements specified in GOST. Indicators of the device Thermoanemometer “TKA-PKM” (52) are distinguished by maximum accuracy, and the price of the thermoanemometer fully justifies the build quality, ease of use and a wide range of operation. If you need a hot-wire

anemometer, the price of which will be acceptable, and the technical characteristics are among the best, then you should purchase this model from us!