<u>Thermohygrometer + Luxmeter "TKA-PKM"</u> (43) with verification

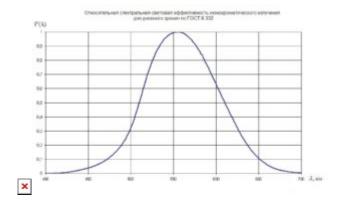


Main technical characteristics

Illumination measurement range	10 ÷ 200,000 lx
Limits of the basic relative error of illumination measurements	± 8.0%
Air temperature measurement range	-30 ÷ +60 ° C
Limits of the basic absolute error of temperature measurements in the range from +15 to +25 $^{\circ}$ 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
Measurement range of relative air humidity	5 ÷ 98%
Limits of the basic absolute error of measurements of relative humidity in the range from +15 to +25 $^{\circ}$ 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.
The limits of the additional relative error of the device when measuring optical quantities, due to a change in the sensitivity of the photometric head when the air temperature in the measurement zone changes by every 10 °C in the range from -30 to 15 and over. +25 to +60 °C	± 3.0%

The difference in the function of the relative spectral sensitivity of the photodetector of the Luxmeter is corrected by a system of light filters to match the function of the relative spectral luminous efficiency of monochromatic radiation for daytime vision V (λ) according to GOST 8.332.



The effective reference plane of the Luxmeter coincides with the front plane of the cosine attachment of the photodetector.

Dimensions

<pre>– signal processing unit (no more)</pre>	130	Х	70	Х	30	mm
<pre>– photometric head with a probe (no more)</pre>	230	Х	48	Х	55	mm
Device weight (no more)	0.3k	(G				
Battery — Krona battery standard size	9 ir	1	·			

Combination of several measurement channels in one device at once. Possibility of measuring with one non-replaceable head. Compactness and ease of use.