

## PHOTOMULTIPLIER TUBE PMT-175

PMT-175 has SbKCs photocathode and linear 14-dynode multiplication system. The device is intended for multispectral research.

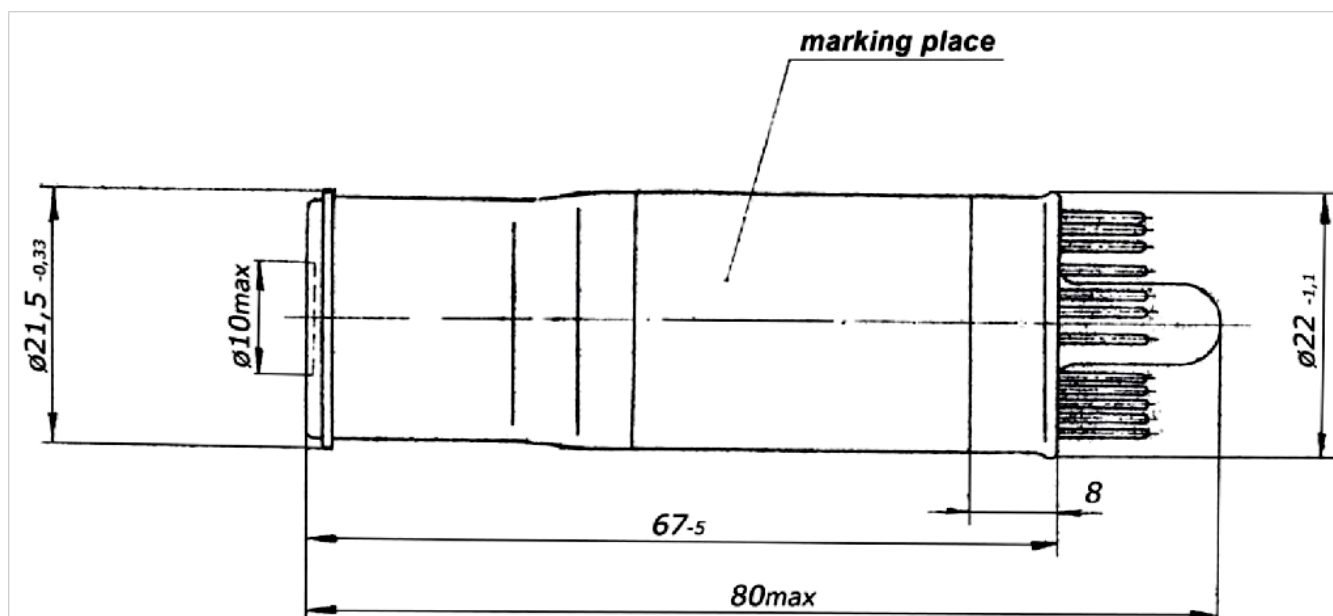
Construction design: PMT-175 is produced in a glass balloon with head-on optical input. The input window is made of boron-silicate UV glass. Available complete set: socket and voltage divider.



### SPECIFICATIONS

Photocathode	SbKCs
Photocathode diameter, mm	10
Device diameter, mm	22
Length, mm	67
Number of dynodes	14
Spectral response, nm	250÷650
Photocathode luminous sensitivity, $\mu\text{A/lm}$	$\geq 50$
Photocathode radiant sensitivity ( $\lambda=400\text{ nm}$ ), $\text{mA/W}$	60
Dark current, A	$2 \cdot 10^{-8}$
Rate of dark noise at single electron pulse peak, 1/s	$\leq 300$
Nominal supply voltage at anode luminous sensitivity of $100\text{ A/lm}$ , V	$\leq 2200$

## DIMENSIONAL OUTLINE



## SPECTRAL RESPONSE CHARACTERISTIC

