

set of sighting devices

for guns-howitzers caliber 122mm, 130mm, 152mm and 155mm

Range Quadrant D-M03 is a sighting device with dependent sightline intended for sighting in height (elevation) during indirect firing. If Optical Sight lacks or malfunctions, it may be used together with the Panoramic Sight for direct firing.



scope of tabular angle scale
scope of site angle scale
scope of transition mechanism for elimination of Weapon inclination
type of division
bubble level illumination
scale illumination

from 0-00 to 11-56
 from -2-00 to +4-00

$\pm 10^\circ$

1/6000 or 1/6400

LED diode from PO-M03 / PO-THV
 battery lamp from PO-M03 / PO-THV

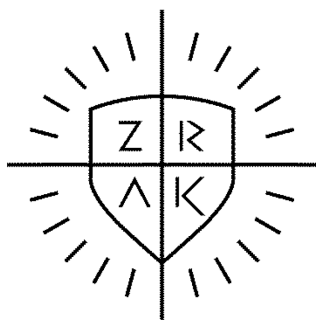
Panoramic telescope P-M03 is an optical instrument, the role of which is setting up of angles in traverse during indirect firing and backup sighting in traverse during direct firing.



Magnification 3,7x
Field of View 10° 25'
Angular division 1/6000 or 1/6400
Eye pupil diameter 4 mm
Eye relief 20 mm
Reticle illumination LED from PO-M03 / PO-THV

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The **Optical Sight ON 155-M03** is intended for aiming during direct firing of stationary and mobile targets.



<i>Magnification</i>	5,5x
<i>Field of View</i>	11°
<i>Angular division</i>	1/6000 or 1/6400
<i>Eye pupil diameter</i>	5.5 mm
<i>Eye relief</i>	24.5 mm
<i>Reticle illumination</i>	LED from PO-M03 / PO-THV
<i>feasible limits of adjustment:</i>	
<i>per traverse</i>	±00-10
<i>per azimuth</i>	±00-10

Illumination Kit PO-THV is intended for illumination of the following:



- Reticle of Panoramic sight,
- Reticle of Optical Sight,
- Range quadrant spirit levels,
- Scales on drums and plates, and
 - Pickets

The **Collimator K-M03** is intended to aim in traverse in capacity of the aim point when firing from the Weapon; aiming in traverse is carried out by means of the Panoramic Sight (Panorama) and when aiming in elevation one must use the Range Quadrant. In addition to this basic purpose, the Collimator may be utilized to check up the sighting devices (rectification) and undertake aligning of the Weapon to the main direction (base line).

<i>field of view</i>	10°40'
<i>exit pupil diameter</i>	4 mm
<i>most favorable Collimator distance from Weapon Panoramic Sight</i>	6 - 8 m

