

# periscopic artillery aiming circle PAB-2/2A



Aiming circle represents an optomechanical instrument which, as the basic instrument in battery and division, serves for:

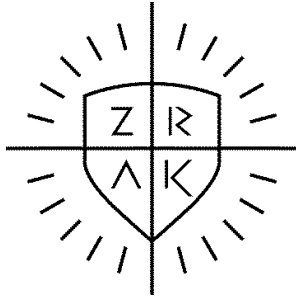
- measuring of magnetic azimuth, determination of geographical azimuth,
- instruments and weapons orientation by marking with celestial bodies
- measuring of horizontal and vertical angles, measuring of distances (by mechanical rack),
- topographical control of elements of combat, artillery orders,
- showing of targets and
- measuring of hits deviation and points' height of explosions.

Instrument can be used on firing positions, observation posts and during topographical operations.

Azimuth module of compass serves for the determination of geographical azimuth. Periscope serves for operating from shelter. In the cases of using of periscope it is not possible to use compass azimuth supplement, and vice versa.

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### AIMING CIRCLE

<input type="checkbox"/> Magnification	8 x
<input type="checkbox"/> Field of view	0 – 83 or 5° (in linear measures) 87 m at distance of 1000 m
<input type="checkbox"/> Diameter of entrance pupil	22 mm
<input type="checkbox"/> Diameter of exit pupil	2.8 mm
<input type="checkbox"/> Distance of exit pupil from rear eyepiece lens	12.5 mm
<input type="checkbox"/> Resolution in the field of view center	≤ 8"



### PERISCOPE

<input type="checkbox"/> Magnification	1 x
<input type="checkbox"/> Field of view	5°
<input type="checkbox"/> Resolution in the field of view center	≤ 8"
<input type="checkbox"/> Periscope features	350 mm

### AZIMUTH MODULE



<input type="checkbox"/> Magnification	4 x
<input type="checkbox"/> Field of view	1-55.5 or 9° 20'
<input type="checkbox"/> Diameter of exit pupil	4 mm
<input type="checkbox"/> Resolution in the field of view center	≤ 16"
<input type="checkbox"/> Line of sight deflection from vertical plane when shifting the visor for 90° in vertical plane	0-00.5 or 2'

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