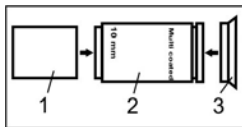


#### 4 STRUCTURE AND PRINCIPLE OF OPERATION

OK consists of two parts: setting plug (1) and holder (2). There are eyepieces mounted in the holder by dump construction principle.



There are eyepieces mounted in the eyepiece holder by dump construction principle. The eye shade (3) is the part of the eyepiece holder.

Setting plug is screwed on up to the supporting end of reticle holder. There can be set additional accessories – color filter or reticule – along the thread M28.5x0.6, M48x0.75 inside the plug.

Principle of operation is in increasing the angle of view of the picture, created by the telescope objective that can be viewed by a person eye. At that OK focal plane should be matched with objective focal plane. Beams of light, gathered by the objective, go out of OK in parallels, after being refracted in it. Come into the eye, they create the image on the retina. The eye sees sharp image as many times more as OK focal length is less the objective focal length.

#### 5 OPERATING RULES

Take the OKG out of the box.

Set the OKG into the telescope focusing tube. Fix it with the screw. Secure the best image sharpness by focusing mechanism.

OK can work normally at the ambient temperature from +30 to -30 °C and relative humidity not more than 80% at clear weather conditions.

It is necessary to store the OKG in a heated premises at relative humidity not more than 80%, at temperature from +5 to +40 °C.

It is prohibited to store asides, alkalis, materials, emitting moisture or active chemical gases and exhalations in the same premises with OKG.

It is needed to protect OKG from blows and falls during the operation, transporting and storage.

Do not touch the lenses by hand.

Clean the lenses by dry linen napkin. Grease spots remove with the cotton pad, wetted with spirits.

#### 6 GUARANTEES

The manufacturer guarantees the OKG performance under conditions of complying with the exploitation rules.

Guarantee period is 6 months from the day of sale by retail.

The user has the right for free-of-charge maintenance during the guarantee period if there is a failure of the article because of manufacturer.

Warranty repair and servicing is made at the address:

FSUE PO "Novosibirsk instrument-making plant", 630049, Novosibirsk, D.Kovalchuk, 179/2.

TU 3-2005 AL5.923.631 TU

**Made in Russia**

FSUE PO "NOVOSIBIRSK  
INSTRUMENT-MAKING PLANT"



## EYEPIECES

REGISTRATION CERTIFICATE

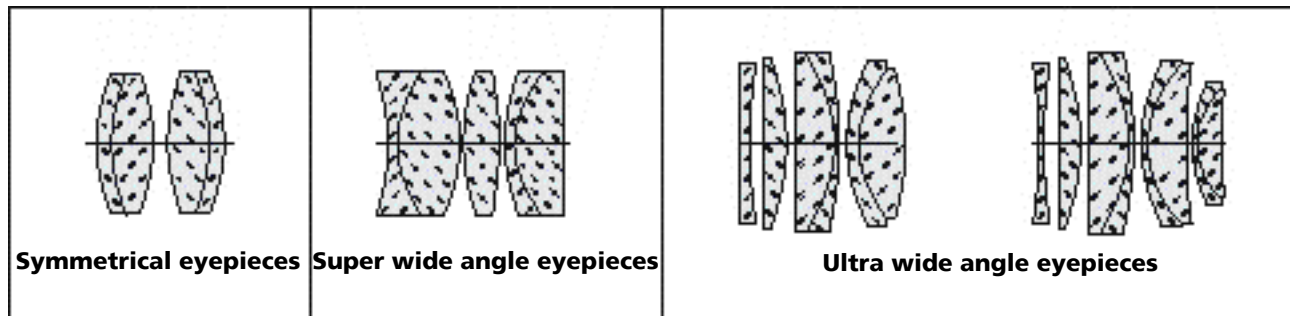


## 1 PURPOSE

Astronomic eyepiece (hereinafter referred to as OK) is designed for viewing the image, created in focal plane of telescope objective.

## 2 INVENTORY LIST

Eyeiece	1 nos.
Registration certificate	1 nos.
Cover	1 nos.
Box	1 nos.



## 3 TECHNICAL CHARACTERISTICS

Characteristics	Eyepiece type															
	Symmetrical (Plossl)									Super wide angle			Ultra wide angle			
	OK-6,3	OK-7,5	OK-10	OK-12,5	OK-17	OK-20	OK-25	OK-32	OK-40	SWA-10	SWA-15	SWA-20	UWA-15	UWA-20	UWA-24	UWA-25
Focal length, mm	6,3	7,5	10	12,5	17	20	25	32	40	10	15	20	15	20	24	25
Field of view	45°	45°	45°	45°	45°	45°	45°	45°	38°	60°	60°	60°	80°	80°	80°	80°
Setting diameter	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	1,25	2	2	2
Eye relief, mm	6	6	7,5	10	11	14	18,7	22	32	6,5	9,8	13	7,3	9,8	11,6	12,2
Type of blooming	Multi coated															
Overall dimensions: length and diameter, mm	40×45	42×45	45×45	50×45	58×45	65×45	70×45	85×45	102×45	55×40	66,5×40	79×40	64×40	89,5×55	114,5×55	104×55
Weight, kg	0,06	0,065	0,07	0,08	0,09	0,10	0,11	0,17	0,21	0,09	0,12	0,12	0,13	0,32	0,45	0,36