



**Катав-Ивановский  
приборостроительный  
завод**  
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# УКПМ-М Compasses

The УКПМ-М magnetic compass is intended for continuous finding and direction of vessel's magnetic course, as well as for finding bearing and relative bearings at various class ships, craft, lifeboats, yachts as a steering compass.

Meets the Rules of and has type approval certificates by Russian Maritime and River Registers in fitting marine and river vessels; IMO Resolution A.382 (10).

The УКПМ-М1, М2 magnetic compasses are interchangeable with the KM-100-М1,М2 magnetic compasses with adapter flange (to be ordered separately); the УКПМ-М may be installed instead of the old УКП-М compasses without additional fitting works.

## Specifications

1. Card diameter (mm)..... 127
2. Card scale division (degree)..... 1; 2
3. Friction error (degree)..... 0.3
4. Minimum half-period (sec)..... 12
5. Operational temperature (°C)..... -40 to +70
6. Relative humidity (%) @ up to 40°C.....98
7. vibration resistance within .....200 MHz (m/s<sup>2</sup>)  
..... acceleration up to 20
8. Power supply voltage (V)..... (24±2.4) or (27±2.7)  
..... Device 3 (115±15) or (230±23)



**УКПМ-М1**



**УКПМ-М2**



**УКПМ-М3**

Version	Semicircular, quadrantal and heeling deviation compensator	Description	Weight (kg)	Overall dimension (mm)	Binnacle
УКПМ-М1	+	Visual compass, with electric lighting	38	410×360×1218	High
УКПМ-М2	+	Visual compass, with electric lighting	20	410×240×338	Low
УКПМ-М3	--	Visual compass, with electric lighting	10	291×306×260	--

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