

ES-180

Step/Serial Signal Output

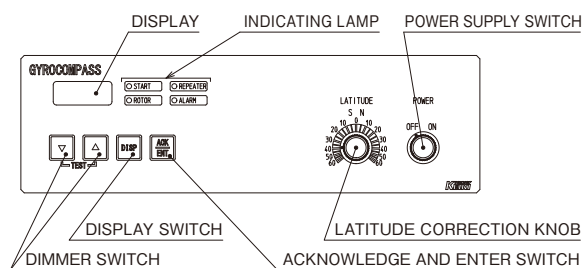
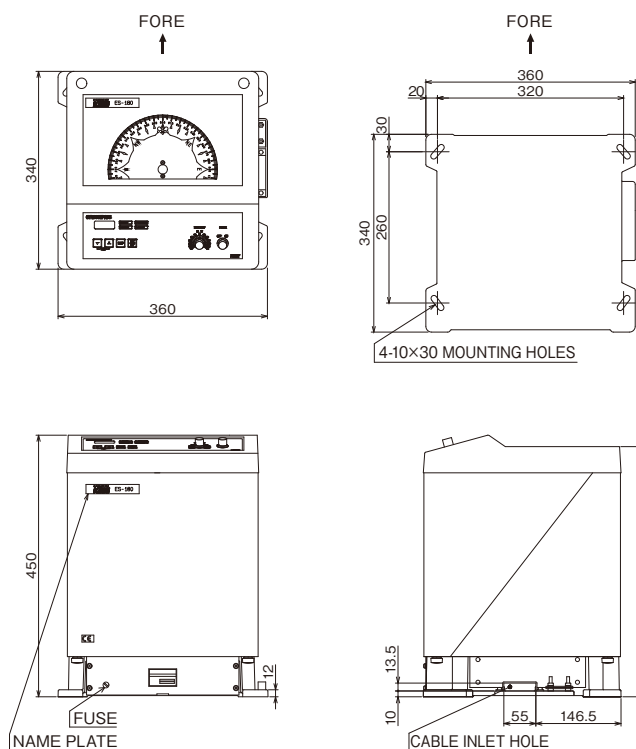


Model ES-180 is a highly reliable gyrocompass for small and mid-size vessels, developed by TOKYO KEIKI's mechatronics technology with over 120 years of experience in gyrocompass manufacturing. It is equipped with four 24VDC STEP circuits and four serial repeater output circuits.

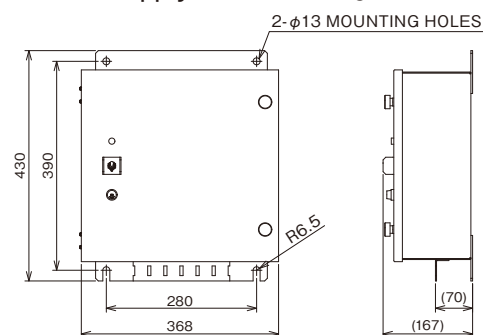
●Dimensions

Master Compass MASS 27 kg

MOUNTING DIMENSIONS



Power Supply Unit MASS 14 kg



No.	NAME	No.	NAME
1	POWER SWITCH	4	NAME PLATE
2	RUNNING LAMP	5	CABLE CLAMP
3	FUSE		

●Basic Specifications

Main Power Supply	24VDC , 100/110VAC(Optional) Master Compass at starting 240W in normal operation 100W for Repeater Compass 60W (4 circuits) Voltage Fluctuation - 20 % ~ + 30 %
Emergency Power Supply	24VDC
Ambient Temperature	- 10 °C ~ 50 °C (at operation)
Settling Time	within 4 hours at Latitude 35°
Settle Point Error	less than ± 1.0°
Gimbal Freedom	± 40° for both rolling and pitching
Range of Latitude Error Correction	Manual (0° ~ ± 70°)
Repeater Type	STEP SIGNAL: 24VDC 1/6° 3Φ(4 circuits) SERIAL SIGNAL: IEC 61162-1 or IEC 61162-2 (4circuits)

Design and specifications are subject to change without prior notice,
and without any obligation on the part of the manufacturer.

**CAUTION**

Before operating this equipment,
you should first thoroughly read the operator's manual.

TOKYO KEIKI

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