

TG-5000 GYRO COMPASS



The Tokyo Keiki TG-5000 Gyro Compass has been manufactured following the development of sperry-type MK.14 and MK-EN gyro compasses in addition to MK-ES, TG-100 and similar other models developed by Tokyo Keiki. The TG-5000 is undoubtedly superior to the above ones as the highest quality techniques are incorporated in its development and manufacturing process.

Design Features

- The suspension wire floating method has been introduced to support the gyroscope greatly improving the accuracy of the compass.
- The electrical pick-off devices have been installed between the gyroscope greatly improving the accuracy of the compass.
- The supporting plate that supports the movable element of the phantom yoke containing the sensitive element is mounted on 4 new shock absorbers to absorb vibrating shocks as the vessel moves or shifts direction.
- If, for some reasons, the power supply to the gyro compass is discontinued, the master compass can still continue to operate normally by automatically switching to the emergency power source (DC24V).
- The speed related errors are corrected by the master compass card indicating the same reading as that of the repeater card.