



## **CHE-0078 INSTRUCTIONS**

Dear Customer,

Thank you for choosing this AUTONAUTIC INSTRUMENTAL compass.  
We are sure you will be happy with your choice as it was designed to meet your requirements.  
This compass is the result of our technical experience and the care taken during its manufacture.

### **I N S T A L L A T I O N**

**Please read the Instructions completely before beginning installation.**

#### **Unpacking and Assembly**

The CHE-0078 compass is supplied in two separate boxes (Compass bowl and mirror assembly system) to avoid damages during transport.

Assembly instructions are enclosed into the mirror assembly system box.

#### **Positioning**

IMO Resolution A382(X) Magnetic Compasses Carriage and Performance Standards includes a section on the positioning of the magnetic compass. It is also strongly recommended that ISO 25862 - Positioning of Magnetic Compasses in Ships - is complied with. If, due to the special construction of the vessel, it is necessary to deviate from these, then the Flag State Authority should be consulted, as incorrect positioning can affect the expected performance of the magnetic compass.

You must install your compass at a sufficient distance from the influence of any magnetic field: main engine, windscreen wiper motor, fire extinguisher, other compasses, speakers, etc. Any magnetic disturbance may affect the compass.

#### **CEILING MOUNT CHE-0078 COMPASS:**

The CHE-0078 compass must be installed on the roof. The compass lubber line must pass through the imaginary midship line of the vessel. The surface should be horizontal and stable.

It is important to use non-magnetic A4 stainless steel screws only.

### **D E V I A T I O N**

Deviation is a positive or negative error in degrees on the compass heading due to magnetic influences.

If this deviation exists, it will be necessary to draw a deviation curve.

This curve must be controlled and checked every year or whenever the compass suffers the influence of a newly installed element on board.

### **C O M P E N S A T I O N**



Marine compasses

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The compass is supplied with a compensation system built-in.  
This compensation system allows deviation errors between 0° and 35° to be corrected.

If the compass in its current location has a deviation exceeding 20°, we recommend moving the compass or asking an authorised technician to perform a compass adjustment

AUTONAUTIC INSTRUMENTAL can provide contact information for the authorised technician in your area.

### LIGHTING

CHE-0078 compass is supplied with 24 V, long-lasting bulb night lighting

### MAINTENANCE

Clean the compass with soap and water only.

NEVER USE ANY KIND OF SOLVENT OR ABRASIVE.

To ensure correct operation of the compass, revision every 4 years is recommendable.

Send the compass direct to AUTONAUTIC INSTRUMENTAL or to the establishment where it was purchased.

### TROUBLESHOOTING

AUTONAUTIC compasses are removable and all parts can be repaired. In the event of any problem, contact us or send the compass to AUTONAUTIC INSTRUMENTAL.

IF A BUBBLE APPEARS, DO NOT FILL THE COMPASS WITH ANY KIND OF FLUID. THIS COULD DAMAGE THE COMPASS.

### GUARANTEE CONDITIONS

This device is guaranteed against manufacturing defects for 5 years from the date of purchase. This guarantee covers the free replacement of defective parts as well as necessary labour to achieve adequate operation of the device.

The guarantee will only be valid if accompanied by a copy of the invoice or sales receipt and the duly completed guarantee card.

THE GUARANTEE DOES NOT COVER:

- Damage resulting from abuse, knocks, falls or accidents or damage resulting from other causes not attributable to normal usage.
- Damage resulting from handling by any party other than our own technical services.
- Transportation expenses.

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