





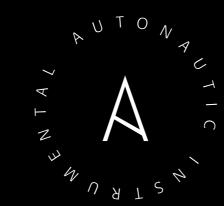
Contents





Share our enthusiasm for accuracy

Welcome to Autonautic





With over 35 years at the forefront in the design and manufacture, our trade is to combine accuracy, solidness and best craftsmanship.

The extensive portfolio of Autonautic Instrumental includes all type of marine compasses, innovative systems for navigation, precise clocks, barometers and weather instruments well balanced up to the detail.

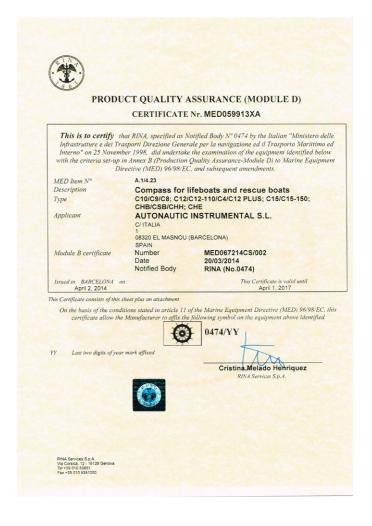
All our marine compasses are in compliance with DIrective MED 96/98 EC on Marine equipment and its ammendments, to provide you with a compass that guarantees máximum safety in Navigation.

We manufacture a wide range of high quality marine compasses, attactively designed for any type of boat.

The quality of our compasses comes with the endorsement of the most demanding quality control systems of all Autonautic production processes, and the implementation of the ISO 9001:2000 quality system accredited by the authorized agency Bureau Veritas for the design, manufacture and repair service of magnetic compasses. All our compasses are in compliance with Directive MED 96/98 EC on Marine Equipment, to provide you with a compass that guarantees maximum safety in navigation.

Autonautic clocks, chronometers and weather instruments combine traditional design and the stylishness of the finest nautical clocks and weather instruments.







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Reinventing deviaton certificate

10.4" CMIcompass Touch Screen TFT display



The TFT Touch Screen display comes with a robust bracket for roof or stand mount.

An innovative concept in navigation equipment...

▶ Obtain the True Course derived from your Magnetic Compass

This is the first equipment in the history of navigation able to provide the autopilot with the True Course signal derived from the magnetic compass processed and corrected in real time.

► Global multiple heading reference management system

Select the current heading from all available heading sources on the TFT TouchScreen and provide added value to numerous current navigation and marine safety equipment such as repeaters, autopilots, radars, ECDIS, VDR, etc.

Accuracy and Precision of the information

The real-time processing of the system generates the deviation table providing equipment with a level of accuracy and precision never seen until now. The result is that ship owners can more easily meet the new demands required by international administrations

Print the Magnetic Course deviation table

Never been so easy to get it!

Equipment uses a computing system, the information from the magnetic compass, derived electronically, and other THD sources and published magnetic data to obtain the deviation table for the master compass of a ship in real time.

Easy to operate

Touch screen technology, with a super intuitive well-designed human interface presents all the information through the use of various menus.

Optimisation of the time-cost in the compass adjustment

The use of a CMI compass offers opportunities for considerable operational savings for both the ship-owner and vessel charterer.



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AUTONAUTIC INSTRUMENTAL COMPASSES 7



COMPASSES

AUTONAUTIC INSTRUMENTAL



COMPASS C3 SERIES

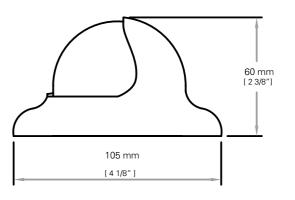


Here is our smallest compass and ideally suited for use in a RIB or dinghy. When making your selection there are essentially three criteria size, damping and style of the compass card. This C3 compass is easily mounted on a flat surface so no hole is required. It is well damped to cope with the greater range of movement in a RIB or dinghy and features a spherical card that is easy to read when standing up or sitting down.

Small, tidy and perfectly formed







Compass type	Surface mount
Boat Style	RIB or dinghy
Dial Size	65 mm
Card design	Conical
Night Lightning	12- 24 V
Compensators	NO
Warranty	2 years

10 AUTONAUTIC INSTRUMENTAL COMPASSES

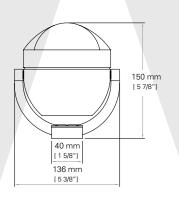
C3002

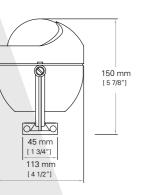


36 36













Compass type	Bracket mount
Dial size	85 mm
Card design	Flat or black cone-shaped card
Night Lightning	12- 24 V
Compensators	Optional
Warranty	5 years



86 mm [3 3/8"] 40 mm [1 5/8"] 112 mm [4 3/8"]

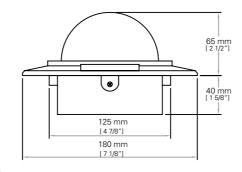




COMPASS C12 PLUS SERIES

	Ref. 0020	Ref. 0021	
Compass type	Flush	mount	
Boat style, size	Power	or sail	
Dial size	85 mm	100 mm	
Card design	Fla	Flat	
Night Lightning	12- 2	12- 24 V	
Compensators	Optio	nal	
Protective cover	Yes	Yes	
Mounting hole	85 mm	100 mm	
Warranty	5 yea	ars	





COMPASS C12 SERIES



COMPASS C12 110 SERIES





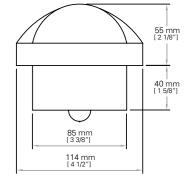












Compass type	Flush mount
Boat Style	Power or sail
Dial Size	85 mm
Card design	Flat or Conical
Night Lightning	12- 24 V
Compensators	NO
Mounting hole	85 mm
Manusati	F

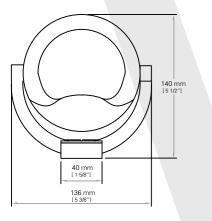


COMPASS C8 SERIES







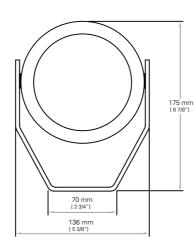




	Ref. 0025 / 0026
Compass type	Multidirectional bracket mount
Boat Style	Power or sail
Dial Size	85 mm
Card design	Conical
Night Lightning	12- 24 V
Clinometer	5º
Compensators	Optional
Warranty	5 years



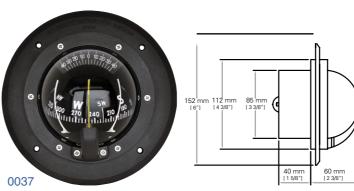




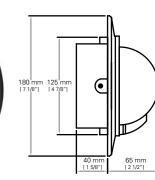
	Ref. 0027
Compass type	Bracket mount
Boat Style	Power or sail
Dial Size	100 mm
Card design	Conical
Night Lightning	12- 24 V
Clinometer	5º
Compensators	Optional
Warranty	5 years



COMPASS C10 SERIES







	Ref. 0037	Ref. 0038
O-market have		
Compass type	Bulkne	ad mount
Boat Style	Sail	/ Vela
Dial Size	85 mm	100 mm
Card design	Conical	
Night Lightning	12- 24 V	
Clinometer	Ę	5º
Protection cover	Yes	
Mounting hole	85 mm	125 mm
Warranty	5 y	rears

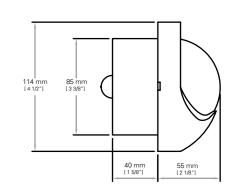


COMPASS C9 SERIES





0031



Compass type	Bulkhead mount
Boat Style	Sail
Dial Size	85 mm
Card design	Conical
Night Lightning	12- 24 V
Clinometer	5º
Mounting hole	85 mm
Warranty	5 years



AUTONAUTIC INSTRUMENTAL COMPASSES



COMPASS C-15 SERIES



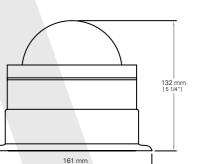








CHE SERIES



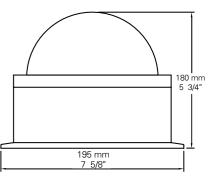




Compass type	Deck mount
Boat Style	Power or sail
Dial Size	100 mm
Card design	Flat or Conical
Night Lightning	12- 24 V
Compensators	Built-in
B:	V



0076



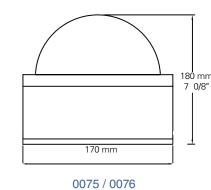
5 years Warranty

0073

0073 / 0074







COMPASS C-15 150 SERIES

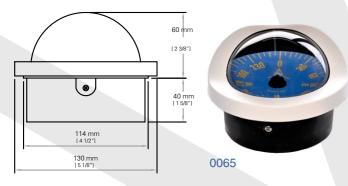
Flush mount

Power or sail

100 mm Flat or Conical

12- 24 V NO

85 mm





Compass type Boat Style

Dial Size

Card design Night Lightning

Compensators Protection cover Mounting hole



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Во
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Compass type	Deck mount
Boat Style	Power or sail
Dial Size	140 mm
Card design	Flat
Night Lightning	12- 24 V
Compensators	Built-in
Protection cover	Yes
Morronty	Evooro





AUTONAUTIC INSTRUMENTAL COMPASSES







0077

140 mm 5,75" dial

B + C correctors built-in

D-correctors with brackets for steel hull vessels

Hardened Steel Pivot and Sapphire Jewel

90 degree Lubber Lines for easy reading

Night ligtning 12 / 24 V

Easy maintenance ABS binnacle

Type MED / SOLAS approved

Exclusive 5 Years warranty

Dimensions: 195mm base / 180 mm high





	125 mm card
	B correctors built-in
Compliant with MED96/98 EC	Night ligtning 12 / 24 V
MED96	Type MED / SOLAS approved
ant with	Individual MED / SOLAS certificate included
Complia	5 Years warranty



AUTONAUTIC INSTRUMENTAL COMPASSES



Wooden box Rescue boat compasses



		Ref. 0114	Ref. 0108
	Compass type	Wooden box g	imballed compass
EC	Boat Style	Rescue	boats
	Dial Size	100 mm	85 mm
(ED9	Card design	Fla	t
ompliant with MED96/98	Night Lightning	No	1.5 V LED light
oliant	Box dimensions	190x 190x 130 mm	155 x 135 x 155 r
) di	Warranty	5 vea	ars

COMPASS C4 SERIES

COMPASS CHH SERIES

360⁰

114 mm (4 12*1) 195 mm (17 5/8*1) 17 5/8*1

Ref. 0096 Compass type Boat Style Power Dial Size 100 mm

Gimbal



Watch relative bearings change, predict crossing situations, plot offshore fixes with a 3 arm protractor, or check your compass by sun or stars. These are some of the things you can do with a pelorus. Large ships have permanently mounted peloruses, or some that can be mounted in deck shoes. On a smaller scale, these portable peloruses will give you many of the same benefits. A compass adjuster will find this a very nice instrument when calling on an assignment.

Professional grade pelorus



The Boxed Pelorus is stored in its plywood box by resting on two lower gimbals and folding down the aluminium sighting vanes. For operational use, the pelorus is raised to engage two upper gimbals in the box and raising the sighting vanes or installing the sun shadow vane. The plywood box size is 21 x 21 x 18 cm and is finished in natural wood tones.

The Peloruses have a gimbaled bearing card which is 125 mm in diameter, and is marked in one degree increments. A sun shadow vane may be used for checking the ship's compass. The gimbals are weighted for stability, and overall construction is of aluminium and polyamide.

Bracket mount pelorus



The Shoe Mount Pelorus comes with a deck shoe that can be affixed with two screws at a desired location where bearings may be easily taken. The pelorus can be taken from its storage box and be quickly mounted on the shoe. After use it can be returned to its box, or left out for later use. Storage box size is 9.5" square x 5" high, and is finished in natural wood tones.

The Pelorus have a gimbaled bearing card which is 5 inches in diameter, and is marked in one degree increments. A sun shadow vane may be used for checking the ship's compass. The gimbals are weighted for stability, and overall construction is of aluminum and polyamide.

The Boxed Pelorus is quite nice looking in its box. Apart from its functional attributes, it would be well suited as a marine artifact in a den or office.

20 AUTONAUTIC INSTRUMENTAL COMPASSES 21



COMPASS C-20 SERIES

COMPASS C-20 SERIES



Boat Style	Commercial and professional vessels	
Dial Size	125 mm	
Card design	Flat	
Graduation	Every degree with cardinal markings	
Wooden box dimensions	245mm x 245 mm x 135 mm	
Protection cover	Yes	
Warranty	10 years	





Arrangements for Autonautic NMEA0183 pick up

	, mangemente ter rateriatatio runizato receptor ap			
	Compass types	Bracket mount		
	Boat Style	Commercial vessels		
	Dial Size	125 mm		
S EC	Card design	Flat		
-D86/	Graduation	Every degree with cardinal markings		
Compliant with MED96/98 EC	Overall dimensions	200 mm x 230 mm		
llant	Base	140mm	٠	
C O I	Warranty	10 years		



22 COMPASSES 2

COMPASS C-20 SERIES



For commercial vessels under 150grt, fishing vessels and workboats under 35 metres.



00130

Features:

- Reduced shipyard installation work.
- Arrangements for Autonautic NMEA0183 TMC sensor.
- Simple periscope assembly installation and removal.
- B+C compensation system built-in.
- Low weight.
- Reinforced ABS binnacle.
- Two LED lights lamps fitted within the binnacle

OPTIONAL ACCESSORIES / ACCESORIOS - NMEA0183 TMC SENSOR (REF. C20-00132) - AZIMUTH RING AND Sighting Vanes (REF C20-00136)

Periscope tube (included)

Features:

- Reduced shipyard installation work.
- 30º of Visibility.
- Optinal individually lengh arrangements.
- Anti-Reflective lens
- Low weight.
- Reinforced ABS periscope.

Light junction box

- 3,5 V / 24 Vdc.

- IP rating 67.

- High quality LED lighting.

- Main and emergency light.

(included) Features:



Waterproof cover (included)

Features:

- Improved protection.
- Plastic PVC canvas.



Spare compass fitted with Azimuth ring and sightning vanes











Features:

- Reduced shipyard installation work.
- Arrangements for Autonautic NMEA0183 TMC sensor.
- Class A 125 mm magnetic compass.
- 1 degree graduation.
- Low weight.
- Reinforced ABS binnacle.
- 24 dvc. lighting.
- Quadrantal corrector for steel hull.
- Waterproof canvas cover.

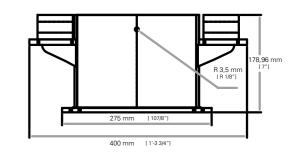
Optional accessories:

- Periscope. C20-00135
- NMEA0183 TMC sensor. C20-00132
- Spare 125 mm compass. C20-00131





00137



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COMPASS C-20 SERIES



NMEA0183 Transmitting magnetic compass

The Autonautic Transmitting Magnetic Compass (TMC) is based on our very successful C20 compasses. Many users still want the reassurance of a traditional magnetic compass but with it coupled to their electronic systems. Makes sense, because it is a very robust strategy. The encoder, which is mapped to the compass card, only needs to be connected to a 12 or 24 volt supply and to a NMEA0183 input on a suitable system.

This approach is much more accurate that the traditional coils that are attached to the compass. Once installed it is ready to go. No further set up is required and because the encoder reads the compass card heading so the synchronisation between the card and NMEA sentence is preserved even after the compass has been swung.

This NMEA compass pickup coil is fitted underneath one of our externally gimballed compasses converting it to a Transmitting Magnetic Compass (TMC) with direct NMEA0183 capability.

The pick up senses the magnetic field and generate a NMEA0183 \$HCHDG sentence.

The TMC is ready to work once power is applied and only needs connecting to a NMEA0183 recei-

device. This significantly simplifies and speeds up installation time for a TMC.

The compass can then be compensated as normal and since the TMC is aligned to the compass card the HDG reading will always match the compass card reading.

These pickups are installed and aligned to the compass in our workshop and supplied for connection to your intended system with out any extra cost.

The TMC pickups can be attached to any of the Autonautic Instrumental gimballed compasses.



Typical applications





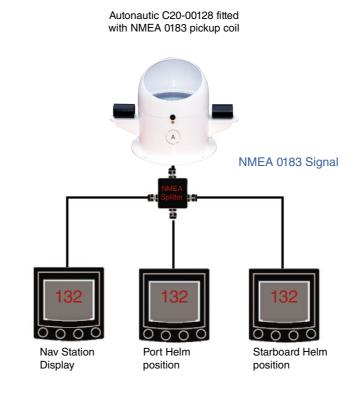
Typical applications include

- Compass heading for a NMEA0183 Display.
- Driving multiple compass displays.
- Autopilot heading.
- Chart plotting and navigation data source.



Features

- Supply requirements +8 to +30 Volt @ 25mA.
- Heding data format NMEA 0183 (\$HCHDG) at 10Hz rate.
- Warranty 2 years.
- Termination Junction box near compass IP rating IP67.
- Repairable No.





AUTONALITIC INSTRUMENTAL COMPASSES



CLOCKS & METEOROLOGY





Base 72	? mm / Top hei	ght 39 mm	/ Dial 50 mm
R 72D	Quartz clock	RE 72	Quartz clock
B 72D	Baromete	BE 72C	Barometer
T 72D Thermometer		TE 72C	Thermometer
H 72D	Higrometer	HE 72C	Higrometer
R 72C	Quartz clock	R 72N	Quartz clock
B 72C	Baromete	B 72N	Barometer
R 72C	Quartz clock	T 72N	Thermometer
H 72C	Higromete	H 72N	Higrometer



































E72H

Base Top height Dial	72 mm 39 mm 50 mm		Weather stations outdoor / indoor use
E 72H	240 x	120 mm	E 72 H
E 72V (Vertical)	120 x	240 mm	E 72 V





EPC

Base Top height Dial	72 mm 39 mm 50 mm	Weather stations
EP		230 x 85 mm
EPC		230 x 85 mm

30 CLOCKS & METEOROGY





Base Top height Dial	72 mm 39 mm 50 mm	Tableclock
SP		82 x 60 mm
SPD		157 x 60 mm





R95P B95P

	Base	95 mm	Top height 35 mm	n /	Dial 70 mm
R 95P					30 x 130 mm
B 95P					130 x 130 mm

Base	95 mm	Top height 35 mm	Esfera Dial 70 mm
R 95D			Quartz clock
B 95D			Baromete
T 95D			Thermometer
H 95D			Higrometer
R 95C			Quartz clock
B 95C			Baromete
T 95C			Thermometer
H 95C			Higromete
R 95N			Quartz clock
B 95N			Barometer
T 95N			Thermometer
H 95N			Higrometer





ATLANTINC 95 SERIES



E95H







EGC

Base Top height Dial	95 mm 35 mm 70 mm	Weather stations
EC	Quartz clock	240 x 240 mm
EG	Barometer	350 x 130 mm
EGC	Thermometer	350 x 130 mm
ED	Higrometer	240 x 130 mm







Base Top height Dial	118 mm 24 mm 71 mm	Weather station outdoor / indoor use with max-min. funktion
E 95H		330 x 135 mm
E 95V (Vertic	al)	330 x 135 mm
EMM		160 x 200 mm



EMR

EMD



EMT

Base Top height Dial	118 mm 24 mm 71 mm	Weather stations
EMR		330 x 280 mm
EMT		443 x 185 mm
EMD		290 x 130 mm

PACIFIC 120 SERIES



DEM

Base Top height Dial	118 mm 24 mm 71 mm	Weather stations
DEM		360 x 160 mm

PACIFIC 120 SERIES

BALTIC 110 SERIES





B120D



Wall mounting ring included

IEM





Top height 35 mm /



















Base Top height Dial	110 mm 40 mm 100 mm	Weather stations
Diai	100 11111	
RBP		Quartz clock
BBP		Barometer
ТВР		Thermometer
HBP		Higrometer
00101		Clinometer



E110

(
	Management of the control of the con	

R 120D

B 120D

R 120C B 120C

R 120N B 120N

CL120D



Dial 95 mm

Quartz clock

Quartz clock

Baro/Termo Quartz clock

Baro/Termo

Clinometer

Base Top height Dial	118 mm 24 mm 95 mm	Ship's bell clock
PCP		300 x 160 mm
IEM		315 x 160 mm
RBS		200 x 160 mm

Base Top height Dial	118 mm 24 mm 71 mm	Weather stations outdoor / indoor use
E 72H		405 x 180 mm

AUTONAUTIC INSTRUMENTAL CLOCKS & METEOROGY



MEDITERRANEAN 220 SERIES

ADRIATIC 220 SERIES

















1			
	Base 220 mm	/ Top height 85 mm / Dial 150 mm	
	R 220D	Quartz clock	
	B 220D	Baro/Termo	
	R 220C	Quartz clock	
	B 220C	Baro/Termo	







RPM



	EMP

Base 220 mm	/ Top height 85 mm	/ Dial 150 mm
EMP		530 x 290 mm
RMP		290 x 290 mm

Base Top height Dial	200 mm 50 mm 160 mm	Weather stations with clock, thermometer, barometer and higrometer
DEG		480 x 230 mm
E 200D		Quartz clock
R 200D		Barometer - Termometer
E 200N		Quartz clock

Barometer - Termometer

E 200D

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CLASS SERIES



We have developed this chronometer to recall the look of the original ships chronometers. Gimballed Marine chronometers in wooden box with gold plated hinges, handles, corner protectors and bowl.



Marine professional quartz chronometer. The wooden box is made from fine grade beechwood with a mahogant finish.

Fully gimballed clock made whith gols plated solid brass.

Movement Specifications:

- Battery;: Mignon cell IEC (AA)
- Quarta frequency: 32.786 KHz
- Operation Voltage: 1.2V 1.7V
- Time Keeping Accuracy: Din 8325
- Operating Temperature range: 5.C + 50.C
- Battery Life: Approx 1 year

Dimensions:

200 x 200 x 85 mm



200 x 200 x 105 mm

CSQ Marine quartz chronometers

CSQ 200 x 200 x 105 mm



Marine professional quartz chronometer. The wooden box is made from fine grade beechwood with a mahogant finish and glod plated brass fittings.

The clock is on a inclined bed for easy viewing with the top opened, or even with it closed due to the clearpanel mounted in the top.

Gold plated brass clock case.

Movement Specifications:

- Battery;: Mignon cell IEC (AA)
- Quartz frequency: 32.786 KHz
- Operation Voltage: 1.2V 1.7V
- Time Keeping Accuracy: Din 8325
- Operating Temperature range: -5Cº +50Cº
- Bettery Life: Approx 1 year

Dimensions:

195 x 195 x 185 mm.





REPAIR SERVICE

With routine maintenance, we can ensure that your vessels will have a standard magnetic compass on which they can rely, in any situation.

Autonautic provides ships compass surveys, compass adjusting services, replacement and installation on-board your vessel. Within the shortest time, no matter where you are.

Autonautic is the only company worldwide with the ISO 9001:2000 for magnetic compass repair services.

RINA certifies our compass repair process with the ISO 9001:2000 quality certification and RINA service supplier for magnetic compass servicing.

Over 4.000 Repairs and a profound knowledge of compass manufacturing provide us with the required experience to repair any type of compass with total confidence.



RINA

Autonautic are recognized by RINA services for magnetic compass servicing.

Our service and repair centre in Barcelona is fully equipped to carry out the 4 or 2 years overhaul to issue RINA certificates for Italian flag vessels.

Over 4.000 Repairs and a profound knowledge of compass manufacturing provide us with the required experience to repair any type of compass with total confidence.





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