

# **CRESSI**

SINCE 1946

Manuale d'uso  
User's manual  
Manuel de l'utilisateur  
Bedienerhandbuch  
Manual de uso  
**Аналоговые приборы**  
用户手册

Strumenti Analogici  
Analog Devices  
Appareils Analogiques  
Analoge Geräte  
instrumentos Analógicos  
**Руководство Пользователя**  
模拟装备



made in Italy

**ITA:** La dichiarazione di conformità UE del presente DPI è consultabile all'interno del sito [www.cressi.com](http://www.cressi.com)

**EN:** The EU declaration of conformity of this PPE is available on the [www.cressi.com](http://www.cressi.com) website

**FRA:** La déclaration UE de conformité de cet EPI est disponible sur le site internet [www.cressi.com](http://www.cressi.com)

**ES:** La declaración de conformidad de la UE de este PPE está disponible en el sitio web [www.cressi.com](http://www.cressi.com)

**DE:** Die EU-Konformitätserklärung dieser PSA ist auf der Website [www.cressi.com](http://www.cressi.com) verfügbar

**RUS:** Декларация ЕС о соответствии этого СИЗ доступна на веб-сайте [www.cressi.com](http://www.cressi.com)

**CN:** 欧盟的PPE符合性声明可在[www.cressi.com](http://www.cressi.com)网站上获得

**WARNING:** This handbook does not replace a diving training course! All Cressi-sub devices must be used by divers who have attended regular courses taught by certified trainers. Using diving equipment without a license or the necessary technical training may be dangerous for the diver's safety and can even be deadly!

**⚠ WARNING:** Please read this instruction book carefully before using your equipment. Do NOT use your equipment until you have read this user manual. Make sure that you have fully understood the contents of this manual, and keep it to consult in the future.

## INTRODUCTION

Congratulations! Ongoing research and evolution conducted at our technical centers, together with Cressi-sub's renowned reliability, have led to the product you just purchased, which will allow you to dive comfortably and safely for a long time.

These instruments satisfy the requirements set by UNI EN 13319:2000 (depth gauges) and UNI EN 250:2014 (pressure gauges - Category III PPE), the latter in compliance with Regulation EU 2016/425, which sets out the conditions for marketing and essential minimum safety requirements for Personal Protective Equipment (PPE). Consequently they bear the CE mark followed by the certifying agency identification number 0474, identifying RINA, the registered testing agency with offices in Via Corsica 12, 16100, Genoa,

Italy that monitors its manufacturing pursuant to Form B+C2 of the EU 2016/425 regulation as well as the critical health and safety requirements for Category III PPE and regulates the conditions for bringing such equipment to market, and finally followed by the reference standard for PPE, EN 250:2014.

**NOTE:** *the EC mark is affixed by means of an adhesive label located on the back of the device under its protective PVC shell. The serial number for the device is also located on the back of the device, but under the adhesive label.*

## EQUIPMENT ASSEMBLY

**NOTE:** *whenever assembling or disassembling the regulator, make sure that it is not mounted to the tank valve.*

First, unscrew and remove the cap marked HP (7/16" UNF thread) from the unpressurized regulator first stage.

Next, after checking that the regulator seat and the hose O-ring on the equipment are clean, screw the device's HP hose onto the regulator first stage by hand, and then tighten it using the appropriate size wrench or crescent wrench, taking care not to exceed the tightening torque.

## INSTRUCTIONS FOR USE

**⚠ WARNING:** *protect the device against knocks or blows during use and transport.*

**WARNING:** *Do not exceed the equipment operating limits. The pressure gauge is certified for use at pressure no greater than 230/300 bar. The maximum working pressure for the gauge is shown on the adhesive*

*label on the back of the device under the protective PVC case. Failure to take these precautions can result in serious injury or even death.*

**WARNING:** *Do not exceed the equipment operating limits. In this regard, please remember that the depth of equipment certification is 50m (164ft), in compliance with the EN 250:2014 standard, which purpose is to ensure a minimum level of safe operation of the apparatus down to a maximum depth of 50m, but recreational diving should not be deeper than 40m / 146ft, without any type of underwater work.*

**⚠ WARNING:** *only use breathable air according to the requirements of EN standard 12021.*

Before using your Cressi-sub device, we recommend that you carry out some easy but very important and vital checks to avoid any problems.

**NOTE:** *before use, it's good practice to check that the hoses show no signs of wear, or worse, cuts or scratches of any kind; if any are found, we recommend you do not dive and that you contact an authorized Cressi-sub center.*

**NOTE:** *Before opening the tank's valve, check that the pressure gauge indicates zero pressure. Once the tank valve is open, the pressure gauge should correctly indicate the tank pressure.*

When opening the tank valve, turn the face of the pressure gauge away from yourself and other people, using one hand to shield this motion to avoid the risks associated with a malfunction in the device.

Accordingly, do not look at the face of the pressure gauge while opening the tank valve.

Prevent overly severe kinks from forming in the HP hose while it is operating as well as during storage and transport.

Do not pinch or constrict the device's HP hose. Do not drag the tank/regulator unit by the HP hose.

## **CARE AND MAINTENANCE**

Protect the equipment from heat sources hotter than 60° C.

After every dive we recommend rinsing your equipment thoroughly in fresh water, taking special care if you have been diving in chlorinated water (pool). Then leave it to dry in a cool, dry place out of direct sunlight.

Do not use any type of solvent (such as alcohol, alcohol-based detergents, or other chemical solvents) to clean the equipment. Use fresh water only.

Periodically check the condition of the high pressure hose on the equipment, making sure there are no cuts, holes, grooves, or scratches. If any of these are present, the user must NOT perform any maintenance and/or repair. Instead, users must exclusively contact an authorized Cressi sub center, which will use only a certified original hose as a replacement.

Maintenance (or repair) operations for the equipment must exclusively use original Cressi-Sub spare parts.

Periodically (or more frequently in the event of blows or frequent dives), check that the pressure gauge is working properly, comparing it with a calibrated laboratory instrument.

Failure to observe the inspection and maintenance procedures can cause serious injury or even lead to death.

## LIMITED WARRANTY

Cressi Sub SpA guarantees that this product operates correctly.

Your Cressi-sub equipment is guaranteed for 2 years from the date of purchase by the original purchaser against clear manufacturing and/or assembly defects in the product or its individual parts, material not considered suitable that causes the equipment to malfunction, clear errors in the design, or instructions and warnings that are incorrect or inadequate.

The warranty period begins on the date of the initial retail purchase as demonstrated by a receipt or invoice.

The warranty does not cover:  
damage caused by improper use of the equipment, poor maintenance, negligence or

modifications, conversions, adaptations, tampering with the finished product, or damage resulting from repairs performed by personnel not authorized by Cressi Sub.

The warranty is forfeited automatically should any of these conditions occur.

During the warranty period, Cressi sub, or a Cressi sub authorized service center, according to their sole judgment, will remove any defect in terms of material, design and workmanship, free of charge, by means of repair or replacement of the product according to this limited warranty.

Requests for repair under warranty will be satisfied free of charge by Cressi-sub or by a Cressi-sub authorized service center, according to their sole judgment, and the product will be repaired or replaced within a reasonable time.

If the product is deemed non-compliant with the terms and conditions of this limited warranty, Cressi sub or a Cressi sub authorized service center reserve the right to charge service and/or repair costs.

The warranty cannot be transferred by the first purchaser to a third party. A purchase receipt (with purchase date) from an authorized Cressi-sub dealer is required for warranty service.

Any repairs not covered by the warranty will be carried out at the buyer's expense.

The warranty does not include any document or warranty granted by retailers or agents beyond the terms of this warranty.

No retailer or agent is authorized to make any changes to this warranty or to grant an additional one.



For warranty repair, send the product, carriage forward, to your Cressi-sub retailer or to an authorized Service Center. Include your full name and address, and enclose the purchase receipt or invoice.

You can find your authorized Cressi-Sub center by asking your dealer, or Cressi Sub S.p.A. itself by sending an e-mail to: [info@cressi-sub.it](mailto:info@cressi-sub.it).

Cressi sub assumes no responsibility for any work carried out by personnel not authorized by Cressi sub.

The instructions and directions found in this manual are based on the most up-to-date information about the equipment available before printing. Cressi Sub reserves the right to make changes to the content at any time.

***CRESSI***  
SINCE 1946

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