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Oceano owner's manual

We are happy that you have chosen a helmet by Icaro2000, designed to offer the greatest possible protection, comfort and style in your favourite sport.

This high-quality, certified product is accompanied by a manual that provides details on specifications, personalisation, use and care. We recommend reading the manual to optimize the helmet's performance.

We have decided to help the environment by not printing the manual. You can find the latest version of this document online at the following link:

<https://bit.ly/3MsTWH6>

You will also find a link to this document on our website www.icaro2000.com, at the page for the helmet you have just bought.

Or scan the QR code below using your mobile device:



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Oceano is a super-light, waterproof, floating helmet designed specifically for water sports. Its **certification** is **EN 1385** (Helmets for canoeing and white water sports). Its weight of just **370 grams** makes it an excellent choice for many applications. It is important to remember that a lightweight helmet of this type would never be able to pass the stringent EN 966 (airborne sports) certification tests. Nonetheless, Oceano offers excellent head protection, and so it is frequently used for land sports and Hike & Fly.

Oceano's features comprise **waterproof internal padding pieces**, available in four sizes. Other characteristics shared with all Icaro's products are its Italian design, the appealing style and colour, and the quality of a helmet made exclusively in Italy. The principal purpose of our helmets, **safety**, has been achieved without sacrificing comfort or performance, by virtue of the innovative technology that we have applied.

All new Icaro 2000 helmets are tested by CSI (an organization authorized by the Italian Ministry of Transport and recognized by German certification association TÜV).

Icaro 2000 recommends the use of certified helmets only.

Our network of distributors worldwide ensures the availability of parts and service wherever you practice your sport.

For further information or service, please consult your nearest Icaro 2000 retailer, or contact the company direct at:

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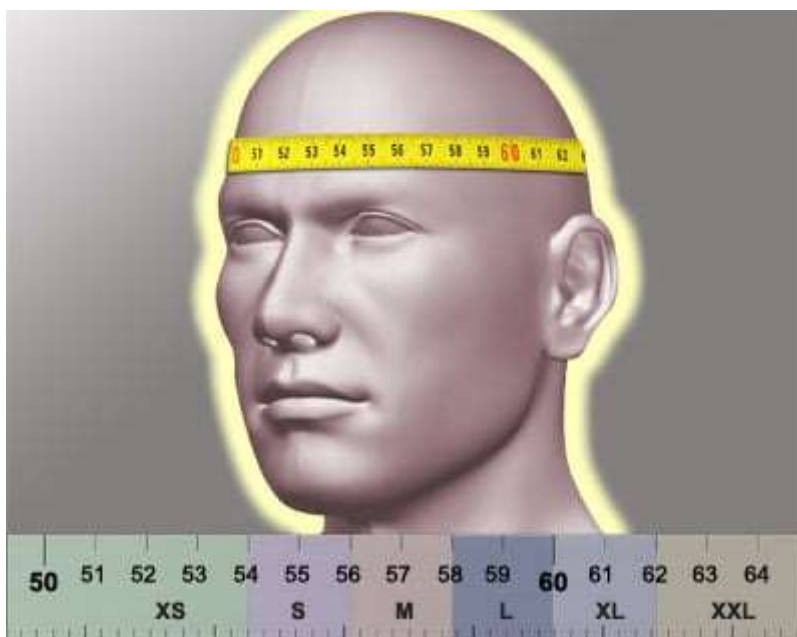
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General information

Choosing and purchasing a helmet

When you purchase a helmet, the most important moment is choosing the **right size**. If you have never purchased a helmet, you probably don't know your own size. The size of a helmet is specified by the **inner circumference** of the internal padding. The size number therefore corresponds to the head circumference in centimetres.



Take your time when choosing a helmet. Try several, and follow these criteria:

Put the helmet on and fasten the strap:

- The helmet should not be so loose that it moves around, but neither so tight that you can feel a continuous pressure on your head
- A helmet that is too large may slide down and obstruct your eyes
- Try to pull it off, moving it back and forth: if it tends to slip off or move around, it is too large
- Lean your head forwards, grip the helmet's rear edge, and try to pull the helmet off. If the helmet slides off, it is not suitable for the shape of your head.
- For **Oceano**, there are **four sizes** determined by the **internal waterproof padding**, for the sizes 56 (small), 58 (medium), 60 (large) and 61 (extra large).

If, while trying on the helmet, it does not perform satisfactorily for just one of these criteria, you should try another size or another model.

When compared with the jet, or open-face, helmet, a full-face helmet also guarantees protection for the chin area. Consider this carefully when you are choosing your helmet.

Never purchase a second-hand helmet, even if the price is good. There is no way of discerning its real conditions (whether it has been involved in an accident, etc.).

Structure of the Oceano helmet

Outer shell

Oceano is made with an outer shell in 3mm polycarbonate, giving it **high perforation resistance, strength, elasticity, and lightness**. Its finish is **Optic Carbon**, distinctive for its pattern and colour.

Crushable foam inner shell

Oceano has an **inner polystyrene shell** with a thickness designed to maximize the **safety and protection** provided by the helmet. Its ribbed design contributes to ventilation.

The inner shell can be damaged even by a minimal impact, and in this case the helmet should be replaced. This is part of the helmet's intrinsic protective role. In fact, polystyrene is easily deformable, and in this context its function is to **absorb shock** by means of deformation and/or partial destruction. A more rigid material would not have the effect of dissipating impact energy, and so it would transmit all the shock energy to the head.



Comfort lining

Oceano has a lining in waterproof foam plastic, available in **four sizes**. These pieces can easily be replaced to ensure optimum comfort. If the helmet is not a perfect fit, we send a new lining free of charge, independently from where you bought the helmet.



For **Oceano**, there are **four sizes** of the **internal waterproof padding**:

- Small = size 56
- Medium = size 58
- Large = size 60
- Extra large = size 61

Micrometric chin strap

The chin strap has a **quick fastening system**, with a slider that is inserted into the buckle by pressing the red button, choosing the preferred position before releasing the button. The strap can be **adjusted in length** by sliding up the padding cover to expose the canvas strap that loops through the buckle. Simply adjust the length of the strap and then slide it back into the padding cover. On both sides of the helmet straps, there is a snap buckle that enables the angle of the chin strap to be adjusted by regulating the front and back straps on each side. The strap system is designed for controlled breakage in the case of impact.

The chin strap is padded with soft, comfortable fabric.



Technical specifications

- **Weight:**
 - Oceano helmet: 370 grams

Certification

Oceano was tested by the Italian testing laboratory CSI, an Italian laboratory authorized by Italy's Ministry of Transport. Its certification is **EN 1385** (Helmets for canoeing and white water sports).

Using the helmet

Once you have **chosen** the most suitable helmet, make sure that you **wear it correctly**. For safety, it should always fit snugly, and the strap should be tightly fastened.

A helmet will never be able to guarantee total protection for the head when subjected to the forces produced by whatever type of impact. However this is no excuse to forego wearing a helmet. You should **always wear**

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your helmet, in order to exploit the protection that it provides, whatever impact may occur.

4 things that you should never forget

1. **Before using the helmet**, read all the instructions, and follow the suggestions carefully to ensure a correct fit.
2. **Do not use the helmet without fastening the strap.** An unfastened helmet will fall off during the first impact, leaving the head unprotected for successive impacts.
3. **Do not** fasten the helmet **using just the velcro.** The velcro that may be present on the strap serves purely to stop it flapping in the wind.
4. **To ensure maximum performance, never modify your helmet, whatever the circumstances.**

In case of accident

- If the accident happens to you:
 - The inner shell will be deformed – though the deformation may not be visible to the naked eye – because it has absorbed the impact.
 - **After an accident, even if the impact was minor, the helmet should be replaced, regardless of whether there is visible damage or not.**
- If you witness an accident:
 - Keep calm.
 - Report the accident immediately, if possible by phoning for an ambulance (dial 118 in Italy). Only medically-qualified personnel know exactly how to deal with injuries.
 - Never move an injured person, unless this is absolutely essential because of a situation of greater danger.
If the spinal column is damaged, moving the injured person could harm the spinal cord, causing permanent paralysis.
 - If the victim is wearing a helmet, do not remove it, but open the visor (if present) to facilitate breathing.
 - Keep the victim calm, and, if possible, cover him. Shock provokes shivering and a sensation of cold.
 - Do not give the victim alcoholic drinks.
 - Stem the flow of blood from wounds, protecting your hands with gloves or similar, throwing them away later if they have been soiled with blood. Do not apply tourniquets: if you place a tourniquet in the wrong position, you could worsen the situation.
 - Never put the victim into a private car. Wait for the ambulance. If the victim is conscious, talk to him or her and try to calm him or her down.

Helmet maintenance

The helmet protects your head, and so it should be **treated with care.**

The helmet can be **seriously damaged by:**

- Paints and varnish
- Petrol
- All types of chemical solvent
- Excessive heat (do not leave your helmet exposed to the sun)
- Inappropriate modifications

Scrupulously follow the instructions provided by the manufacturer.

If you think that the helmet that you have chosen is not right for the shape of your head, replace it... and this time choose more carefully!

A helmet does not have a fixed lifespan. However, it is a good rule to replace it after five years of correct use.

Important!

- **THE EXTERNAL SHELL OF THE HELMET SHOULD NEVER BE ALTERED IN ANY WAY.**
- **INTERNAL POLYSTYRENE PARTS SHOULD NEVER BE MODIFIED OR REMOVED.**
- **NEVER APPLY PETROL, DILUENTS, TOLUENE OR OTHER SOLVENTS OR CHEMICAL SUBSTANCES TO ANY PART OF THE HELMET.**

Personalization

Removal and reassembly of internal padding

Do not use sharp or pointed tools such as screwdrivers, in order to not to scratch or damage the helmet and its structural components. Oceano's internal padding can be removed without tools, in order to personalize the helmet's fit, or for cleaning if required.

The **internal padding** is in a single piece, fixed to the polystyrene inner shell by means of a series of Velcro strips. It is easy to remove. Just ensure that you **detach the padding carefully, one Velcro strip at a time.**

Reassembly

To reassemble the padding, reverse the removal sequence, ensuring that the padding piece is positioned centrally and symmetrically.

Cleaning

External shell

- Use **only a damp microfibre cloth** for cleaning. If the external shell is soiled with mud, insects etc., soak a microfibre cloth with warm water, wring out excess water, place on the helmet and leave for a few minutes. This will loosen the grime. Use damp microfibre cloths to gently clean the outer surface of the helmet. Dry with a dry microfibre cloth. **Do not use solvents, chemicals or petroleum-based products** which may cause damage to the helmet's structure.

Internal parts

Interior polystyrene and padding

- Use **only a damp cloth.**
- Leave to **dry** at room temperature, protected from direct sunlight.

Important information

- **Always use a helmet**
 - Your life is too precious to risk losing it just because you have forgotten something.
- **Use only a helmet with EN certification**
 - European EN certification was developed specifically for various activities in order to offer the best possible protection
 - All our helmets are constructed in accordance with the regulations contained in the respective EN standard
 - Never trust a helmet that has no label guaranteeing EN certification

- **We recommend the use of a full-face helmet**
 - A full-face helmet offers improved protection in every situation.
- **Never modify your helmet for whatever reason**
 - Modifications could reduce the level of protection, and could annul the helmet's certification.
- **Never use headphones under the helmet**
 - Any rigid components placed inside the helmet, between polystyrene lining and the head, could become percussive and damaging elements.
- **Always ensure that the chin strap is tightly fastened**
 - If you keep your helmet in a backpack, sports bag or rucsac, don't sit on it.
 - Ensure that the helmet never falls to the ground or the floor.
 - Handle the helmet with great care at all times.
 - After an accident, even when the impact is minimal, the helmet should be replaced, regardless of whether there is any visible damage or not.
- **Helmets and action cameras**

Many pilots mount an action camera onto their helmets in order to record their adventures. It is important to remember that **any object projecting for more than 5 mm above the level of the outer shell annuls the helmet's certification**, just as for any other modification that is not specified in the user manual. The reason for this is that an object mounted onto the external shell could become a percussive element that concentrates a percussive force onto a small area. Therefore, it is potentially dangerous and reduces the level of protection that the helmet can provide. Considering that even the most compact action camera projects at least 30/40 mm from the helmet's outer shell, there is no doubt that a helmet equipped with this sort of device can no longer be considered as compliant with its respective certification. For this reason, because we at **Icaro2000** wish to offer the highest possible level of protection for our customers, we recommend **not fitting action cameras** or other devices onto the outer shell of a helmet.

Icaro 2000 wishes you happy and safe sports.

Icaro 2000 is committed to the ongoing development of its technology, and therefore it reserves the right to modify the characteristics of its products at any time and in any way, without prior notice.