# Instruction for Use GDR 175















## 1- Inspection before use

Perform a visual inspection prior to using:

 Check the lifejacket is not damaged. Make sure the CO2 cylinder is full and firmly screwed and ensure the firing handle is visible outside the lifejaeket cover.

~ Check the colour of the firing indicator.

la - Manual inflatian lifeiacket Green indicator: inflation mechanism ready to operate. Red indicator: inflation mechanism out of service. The

inflation system must be rearmed. Ib- Automatic inflation lifejacket

Green indieator: inflation mechanism ready to operate. At least one green indicator off or both : inflation

mechanism out of order. The inflation system must be rearmed.

Ic - Hydrostatic inflation lifejacket

Green indicator: inflation mechanism ready to operate. Red indieator: inflation mechanism out of service. The inflation system must be rearmed.

- Check also the expiry date on the water-dissolving cartridge or the hydrostatic firing system. If the expiry date is exceeded, the inflation system is out of order. The water-dissolving cartridge or the hydrostatie firing system must be replaced.

#### 2 - Donning instructions

Put on the lifejacket like a jacket. Fasten the buckle in front. Tighten and adjust the belt.

#### 3 - Inflation

Inflation can be triggered in 3 different ways:

3a - Manual inflation: pull the activating handie sharply downward.

3b - Automatic inflation (Available only for lifejaekets with automatic or hydrostatie firing head): Inflation starts automatically after the lifejacket comes in contact with

3c - Oral inflation; open the top cap and blow in the oral inflation tube. Oral inflation can be used as a bark-up or as an emergency method of inflation.

Warning: Never activate the firing system if the lifejacket is already partially or fully inflated.

#### 4 - Re-arming instructions

Before re-arming your lifejacket, clearly identify which firing head is fitted on.

4a - Manual lifeiacket After manual inflation, fold back the firing lever into normal position until the "clic", Unserew the used CO2 gas bottle. Firmly screw on the new CO2 gas bottle.

4b- Automatic inflation lifejacket

After manual inflation: Fold back the firing lever into normal position until the "clic", Replace the green locking clip to secure the lever. Unscrew the used CO2 gas bottle. Firmly screw on the new CO2 gas bottle.

After automatic inflation, re-arm it as follows:

Unscrew the automatic water dissolving cartridge. Refit the new automatic water dissolving cartridge. Unscrew the used CO2 gas bottle. Firmly screw on the new CO2 gas

4c - Hydrostatic inflation lifejacket

- Insert the opener (supplied in the rearming kit) between the black locking ring and the labelled yellow cap of the hydrostatic cap, then turn it anti-clockwise

- Now turn black locking ring anti-clockwise.
- Lift off the used cap and dispose of it.
- Take out the black inner body with CO2 gas bottle.
- -Throw the black inner part and the used CO2 cylinder
- Put the black inner part of the mechanism with the new CO2 cylinder back inside the inflatable bladder.
- Check the indicator is green. Do not turn the inner ring.
- Press the replacement hydrostatic cap firmly onto the black inner body (the activating handie must point in the opposite direction of the CO2 gas bottle) and turn the black ring clock-wise.
- When the cap is in correct final position, the CO2 gas bottle and the activating handle must be parallel. Orally infiate the life jacket and check it as described in the

# Maintenance and care section. 5- Repacking instructions

Deflate the lifejacket by pushing down the valve located on the top of the tube. Ensure that your ifejacket is completely dry and deflated.

Place your lifejacket on a flat surface. Place the velcro tapes correctly and check the firing handle is visible outside the lifejacket cover.

A whistle comes as standard on a lifejacket but not on a buoyancy aid. The attachment of a whistle, even on a non SOLAS-approved flotation device, will increase your chances of being detected while you're floating on the water's surface.

·When the temperature is well below freezing, your lifejacket may operate much slower than normal and at very low temperatures a fully discharged cylinder may not adequately inflate your lifejacket. in these temperatures the oral tube should be used lor additional topping up il necessary

This lifeiacket is not a PFD until fully inflated. Full performance may not be achieved using certain clothing or other circumstances. Certaln circumstances will alter performance, such as waves or the wearing of garments which provide additional buoyancy. The buoyancy provided by the jacket can be affected il heavy objects are carried in the pockets.

WARNING: Inflating your lifejacket using CO, inflation could over pressurise and damage your lifejacket if it has already been orally inflated fully. Do not use as a cushion or in any other way likely to cause damage.

WARNING: This lifejacket is inflated by a CO, gas cylinder. Gas cylinders are dangerous goods, and they must be kept away from children and not misused CE MESICA

#### III - MAINTENANCE AND CARE INSTRUCTIONS

After each use dry your lifeiacket thoroughly and keep it clean and free from oil and sand. Store it away from direct sunlight. Your lifeiacket shall be serviced at least every year (and more frequently in case of intensive use):

Rinse the lifeiacket with fresh water (especially if it has been used in maritime environment), then dry it before folding it (never expose a lifeiacket to excessive heat, this could damage it).

Warning: for the automatic version, remove the automatic water dissolving cartridge before rinsing the lifeiacket.

Check the general condition of the lifeiacket and in particular the inflatable bladder, the outer cover, the buckles, the straps, the seams, the whistle and the retro reflective tapes. Check that your lifejacket is free from abrasion marks. Pay particular attention to the seams and straps of the lifeiackets with integrated harness.

Check your lifeiacket waterproofness : orally infiate it and check that it stays inflated for at least 12 hours.

If the bladder leaks or if your lifeiacket is damaged in any way, return it imperatively to Mesica or importer company in your country.

Check the CO2 cylinder is full, firmly screwed and has no corrosion. Warning: the gas cylinders are hazardous materials which must be kept away from children and used with caution. Check the colour of the firing indicator and the expiry date of the water-dissolving cartridge or the hydrostatic firing system. Replace the water-dissolving cartridge or the hydrostatic firing system before the expiry date. Fold and repack the lifeiacket

In the absence of regulation determining the servicing period, it is recommended to have the lifeiacket fully serviced in factory or approved stations every 2 years. It is recommended to have the lifeiacket fully serviced every year in case of intensive use.

#### Life Time Of The Lifeiacket: 10 years from the date of manufacture

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76 - 132 cm











Mesica offers a complete range of inflatable lifeiackets to suit all types of uses. Those models are equipped with a manual, automatic or hydrostatic firing head. Each lifeiacket can also manually inflated if necessary.

# MINIMUM BUOYANCY

150 N => These lifejackets have been designed for a people weighing over 70 kg and with a waist measurement between 76 and 132 cm or between 130 and 170cm depending on the model.

Lifejackets only reduce the risk of drowning; they are not a life-saving guarantee.

#### II-INSTRUCTIONS FOR USE

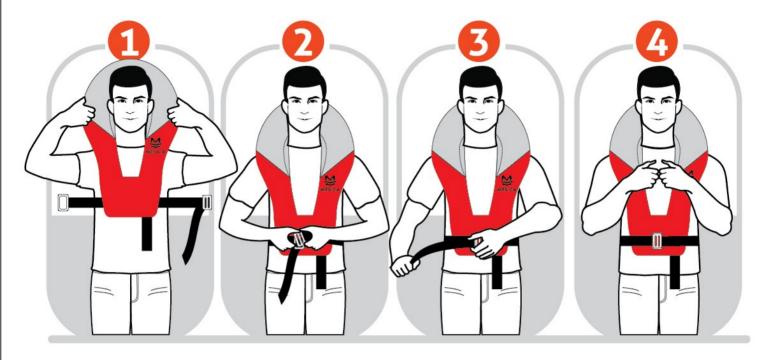
150 N => To be used for offshore navigation, this enables to wear stormy weather clothing.

This lifeiacket only functions when fully inflated. When Inflated, it will turn most users face up, even unconseious, Never wear a lifeiacket without adjusting the fit : we recommend you to try out your lifejacket in order to practice adjusting it and obtain a properfit.

Do not sit down on the lifeiaeket. Do not use as a cushion. The performances of your lifeiackets can be altered when using same kind of waterproof clothing or in other circumstances. Do not wear an inflatable lifeiaeket ünder any clothing or safety harness. This is not a lifeiacket until fully inflated.

# DONNING INSTRUCTION







Can Yelegi Kullanma Kılavuzu

Life Jacket Instruction

- Can yelegini basınızdan asagıya geçiriniz.
  Place life jacket over head
- **Tokayı Kilitleyin.** Fasten the buckle
- Kusakların sıklıgını ayarlayınız. Adjust the belts and press
- Atlarken ellerinizi can yeleginde birlestiriniz.
  When jumping, press your hands against the jacket



Lifejacket 150 N





# MAKING THE INFLATOR OPERATIONAL AFTER USE OR WHEN EXPIRED

- ♠ Gas cylinder + body
- B Sealing ring
- Cap with Hydrostatic valve
- Locking ring
- Opening key

















## REMEMBER THE ANNUAL SERVICE OF YOUR LIFEJACKET

All inflatable lifejackets need an annual service.

Check the instructions from your lifejacket manufacturer.

Scan the QR code or visit www.cmhammar.com/inflator for instructions, films and support for the Hammar Hydrostatic Inflator.



# BEFORE YOU START REARMING

Make sure you have a smooth, flat and dry work surface.

- Insert the opening key between the black locking ring and the yellow cap. Turn the key anticlockwise. The black locking ring will now turn anticlockwise.
- Hold the yellow cap with one hand and continue to turn the black locking ring anticlockwise with the other hand until it stops.
- Lift off the yellow cap. Remove the old inflator body and gas cylinder from inside the bladder and dispose of it in an environmentally friendly manner.
- Check the rearming kit. Ensure that all the following four points are met before you continue.
- The single point indicator on the inflator cap is green.
- The indicator on the black body is green. ( )
- The expiry date on the inflator cap is within limit
- The size of the gas cylinder is correct.

Do not assemble any cap or body that does not meet these requirements.

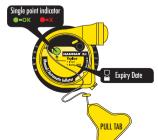
- Insert the inflator body with the gas cylinder pointing upwards in the bladder. Let the sealing ring rest on the rounded sealing surface on the body.
- Position the replacement cap with the hydrostatic valve pointing to the right, 90° relative to the gas cylinder and put the cap in place on the body.
- Press firmly on the inflator cap and turn the black locking ring clockwise into the locked position.

## FINAL CHECK

- Pull the cap to make sure it has locked on the inflator body properly.
- Check that the locking ring is properly locked and cannot be turned anticlockwise by hand.
- Inflate the lifejacket through the oral tube and check that it stays inflated at least over night.

## PACKING

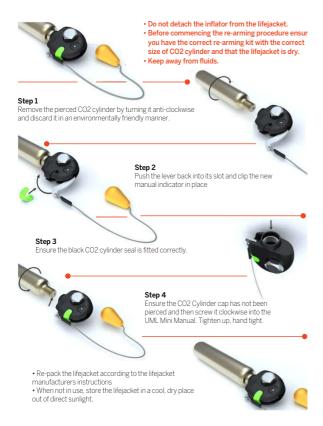
Before packing, deflate the lifejacket through the oral tube. Make sure that **all residual air** is pressed out from the bladder so that it can be folded properly according to the manufacturer's instruction. Make sure that the lifejacket is dry before packing.



# Instruction for Use GDR 175

# Inflatable Life Jacket







- Do not detach the inflator from the lifeiacket.
- Before commencing the re-arming procedure ensure you have the correct re-arming kit with the correct size of CO2 cylinder and that the lifejacket is dry.
- · Keep away from fluids.
- Ensure the automatic cartridge in the re-arming kit is within its Replace By Date

#### Step 1

Unscrew the automatic cartridge by turning it anti-clockwise and discard it in an environmentally friendly manner. Replace it with the new cartridge which will have the green indicator in place, by turning it clockwise. Tighten up hand tight.



#### Step 2

Remove the pierced CO2 cylinder by turning it anti-clockwise and discard it in an environmentally friendly manner.



If the unit has been manually activated, push the lever back into its slot and clip the new manual indicator in place.





Ensure the black CO2 cylinder seal is fitted correctly.



Ensure the CO2 Cylinder cap has not been pierced and then screw it clockwise into the UML-5 inflator. Tighten up, hand tight.





· Re-pack the lifejacket according to the lifejacket manufacturers instructions. When not in use, store the Ifijacket in a cool, dry place ot of direct sunlight.



## **OPENING THE LIFEJACKET COVER**



- 1) Open the velcro tab.
- 2) To avoid damaging your lifejacket zip, pull apart the zip, open the zip via the quick burst elements, holding the cover either side.
- 3) Once the zip has opened, insert your finger and slide it around the lifejacket. Unda the zip all the way around the outside of the lifejacket. The lifejacket cover should now be open and the infiation chamber visible. Fully separate the zip. Both sides of the zip should be apart, with the zip slider free to move back around the lifejacket to the start.

#### PREPARING ZIP FOR RE-PACKING

- 1) Ensure that the zip slider is separated on one side.
- 2) Slide the zip around to the right side of the jacket as worn.
- 3) Feed the zip teeth into the slider ready to re-pack.

To Open

