Kirby Morgan 37

Commercial Diving Helmet with Male Waterproof Connectors and 455 Balanced Regulator

SPECIFICATIONS:

The Kirby Morgan® 37 commercial diving helmet has been tested and conforms to the performance requirements set forth in Annex II of Regulation (EU) 2016/425 and, where applicable, EN 15333-1:2008 (Class B). It is fully CE marked equipped with either the SuperFlow® 350 or 455 Balanced regulator, and all three approved oral nasal assemblies.

- **CE certified**
- **Weight:** 32.6 lbs.
- **Helmet shell:** Fiberglass, polyester resin, polyester gel coat, and carbon fibers
- **Control knobs:** Polyurethane
- **Lens:** Clear polycarbonate
- **Neck dam:** Neoprene
- **O-Rings:** Buna-N
- **Head cushion:** Nylon bag filled with open cell foam
- **Recommended Lubricants:** All helmets are lubricated at KMDSI with ChristoLube®. Helmets used for air diving or diving with oxygen mixtures containing less than 50% oxygen can be lubricated with food grade silicone such as Molykote® 111 or equivalent.
- **455 Balanced Regulator** - The Kirby Morgan 455 Balanced Regulator body is made of 316 stainless steel, as are all its other metal components. The 455 Balanced regulator is designed and engineered to be rugged, long lasting and easy to disassemble for simple, fast, cleaning and servicing.The 455 Balanced regulator meets all requirements of European standard EN15333-1 and is CE approved.
- **CE Approved:** The Kirby Morgan 37 Commercial Diving Helmet is CE Approved.
- **Temperature limitations:** Kirby Morgan Helmets and BandMasks can be used in water at temperatures as low as 33 °F (0.6°C) without the worry of demand regulator freezing without the use of a hot water shroud and hot water. However, it is strongly recommended that KMDSI water shrouds and hot water be used for the comfort of the diver whenever the water is colder than 34°F (1 °C), and /or anytime the top-side air temperature is below freezing to prevent the diver's exhalation condensation from forming ice prior to entering the water.
- **Cage Code:** The cage code for identifying KMDSI products for U.S. government purposes is 58366.

FEATURES:

- **455 Balanced Regulator** - Is a downstream balanced poppet design. The 455 Balanced has a multi turn bias adjustment allowing the diver to compensate for variations in supply pressure and changes in physical attitude. The regulator body is made of 316 stainless steel, as are all its other metal components
- **Air Train** - The air train diffuses incoming breathing air/gas onto the face port/lens to defog and ventilate.
- Defogging Steady Flow Valve - Provides an additional flow of gas into the helmet for ventilation and defogging.
- Emergency (EGS) Valve - Supplies backup breathing gas to the diver.
- **Fiberglass and Carbon Fiber Reinforced Shell** - Kirby Morgan® has over 60 years experience in composite laminations. The helmet shell is hand laid up glass fiber reinforced thermal setting polyester (fiberglass) with carbon fiber reinforcement at key points for added durability. It is light and highly impact resistant, and provides a heat/cold barrier as well as being an excellent electrical nonconductor.
- **Gas Supply Non-Return Valve** - It prevents loss of gas pressure in the event of umbilical damage, preventing a "squeeze"
- Nose Block Device - Allows the diver to block the nose to equalize ears.
- **Rapid Change Modular Communications Systems** - Because the module is easily removed the helmet, repair or replacement of communications parts is quick and trouble free. It is available with either a male waterproof connector or a bare wire post connection.
- **Side & Top Weights** - Brings unsurpassed balance to the helmet while providing for accessory mounting areas.
- **Side Block** - Multi use side block has additional ports built in to provide controlled air flow, if needed.
- **Silicone Oral Nasal Mask** - Made of a superior silicone material which is hypo-allergenic and has a longer work life than latex.
- **Whisker Wings** - Bubble deflecting Whisker wings keep bubbles further from face port and ears, improving visibility and decreasing internal noise.
- **Side and Top Weights** - Bring unsurpassed balance to the commercial diving helmet while providing for accessory mounting areas.
- **Positive-Lock™ Latch System –** This system features two sealed pull pins that are pulled forward to release the neck collar and neck dam locking mechanism. Even if the pull pins are accidentally released, the helmet will not flood unless it is removed from the diver's shoulders. This design ensures that the O-ring sealed neck dam maintains a secure seal, helping prevent flooding until the helmet is fully lifted off the diver's shoulders.
- **Head Cushion** - Gives the commercial diving helmet a secure, well balanced feel as well as excellent thermal protection during long work periods.
- **Quad-Valve Exhaust System** - Makes the commercial diving helmet very dry with no loss of breathing performance.
- **Internal Adjustable Chin Strap** - Along with the adjustable neck pad on the locking collar gives the commercial diver a comfortable, secure fit.
- **Adjustable Neck Pad** - Is made from a scuff resistant elastomer which is attached to the yoke system. In conjunction with the spring activated front neck dam ring lock, it provides protection for the bottom of the Kirby Morgan Commercial Diving Helmet.

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