

REGULATOR

PRESTIGE 12


WARNING

This pamphlet is an integral part of the Mares regulator user's manual and should be stored with it.

CE CERTIFICATION

The Mares regulators described in this manual have been tested and certified by Registered Test Centre No. 0426 - Italcert - Viale Sarca 336, Milan - I, in compliance with EC directive 89/686/EEC of 21 December 1989. The test procedures were conducted according to the EN 250:2000 standard, in conformance with the aforesaid directive, which sets out the conditions for marketing and essential safety requirements for Category III Personal Protective Equipment (PPE).

The certification testing results are as follows:

| Model | Warm water (Temp. = > 10°C (50°F)) | Cold waters (Temp. < 10°C (50°F)) | Marking | Position |
|-------------|---------------------------------------|--------------------------------------|---------|--------------------|
| Prestige 12 | approved | approved | CE 0426 | on the first stage |

The CE markings indicate that the product is compliant with the essential health and safety requirements (Att. II DE 89/686/CEE). The suffix 0426 after the letters "CE" indicates the Italcert Registered Test Center in charge of monitoring the production under Art. 11B DE 89/686/EEC.

MR12T FIRST STAGE

The Prestige 12 is equipped with the MR12 first stage.

The body is nickel- and chrome-plated brass, protected by a shockproof cap. The general technical characteristics are those of the best Mares first stages with diaphragm operation and the DFC system.

The brand-new "Trimaterial" high-pressure valve, manufactured in three materials, allows for superior duration and safety.

There are four LP and two LP ports for connecting the pressure gauge as well as a transducer for an integrated computer, if desired.

PRESTIGE SECOND STAGE

The most advanced medium-sized, high-performance, technopolymer second stage available on the market.

The integrated VAD system provides unbeatable performance that greatly exceeds the limits required for EC certification.

Indeed, a unique and revolutionary design. The oversized polyurethane purge button is extremely easy to use, even while wearing thick neoprene gloves. The "mesh grid" system minimizes the likelihood of free-flow in strong currents. The new design exhaust tee, with its streamlined shape, affords superior performance while directing air bubbles further away from the face.

Technical characteristics**FIRST STAGE**

| MR12⁷ | |
|------------------------------------|---|
| Operation | - Balanced diaphragm design - DFC system - "Tri-material" Valve |
| Materials | |
| Metal parts | - Nickel- and chrome-plated brass - Stainless steel |
| Non-metal parts | - High impact technopolymers |
| Seals and membranes | - Nitril rubbers - Silicone rubbers |
| Capacity (pressure 180 bar) | - 4000 l/min |
| Intermediate pressure | |
| Inlet pressure 200 bar | - from 9.8 to 10.2 bar |
| Inlet pressure 30 bar | - from 9.8 to 10.2 bar |
| First stage ports | |
| High pressure | - 2 7/16" UNF |
| DFC | - 1 3/8" UNF (primary) |
| Intermediate pressure | - 3 3/8" UNF |
| Weight | |
| INT | - 675 g |
| DIN | - 690 g |

Technical characteristics**SECOND STAGE**

| PRESTIGE | |
|------------------------------------|---|
| Operation | - VAD system - Mesh Grid cover |
| Materials | |
| Metal parts | - Nickel-plated, chrome-plated brass - Stainless steel |
| Non-metal parts | - High impact technopolymers |
| Seals and membranes | - Nitril rubbers - Silicone rubbers |
| Capacity (pressure 180 bar) | - 2300 l/min |
| Hose Type | |
| Standard | - super soft 3/8" |
| Hose length | |
| Standard | - 80 cm |
| Weight | - 205 g |