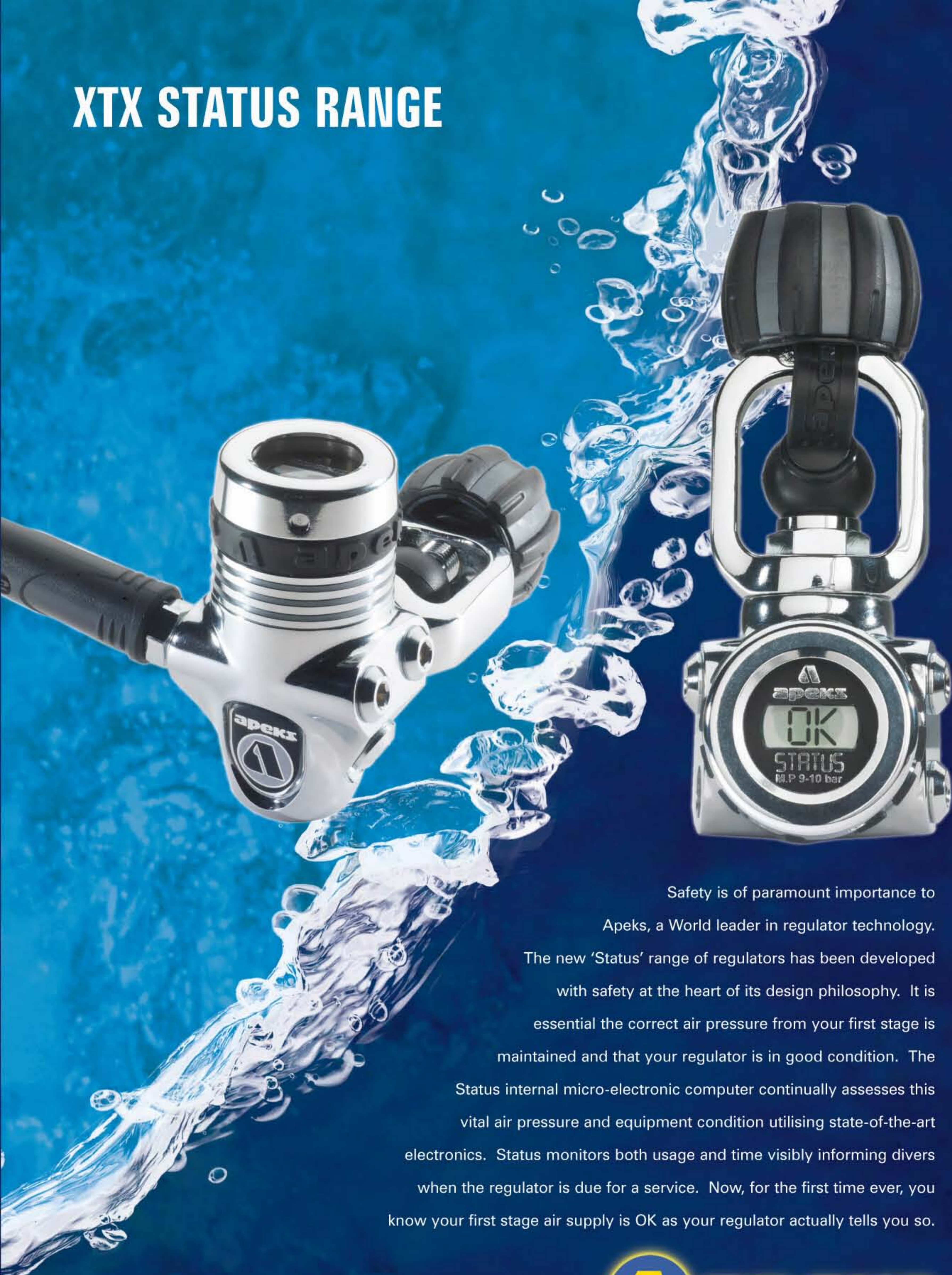


XTX STATUS RANGE



Safety is of paramount importance to Apeks, a World leader in regulator technology. The new 'Status' range of regulators has been developed with safety at the heart of its design philosophy. It is essential the correct air pressure from your first stage is maintained and that your regulator is in good condition. The Status internal micro-electronic computer continually assesses this vital air pressure and equipment condition utilising state-of-the-art electronics. Status monitors both usage and time visibly informing divers when the regulator is due for a service. Now, for the first time ever, you know your first stage air supply is OK as your regulator actually tells you so.



www.apeks.co.uk

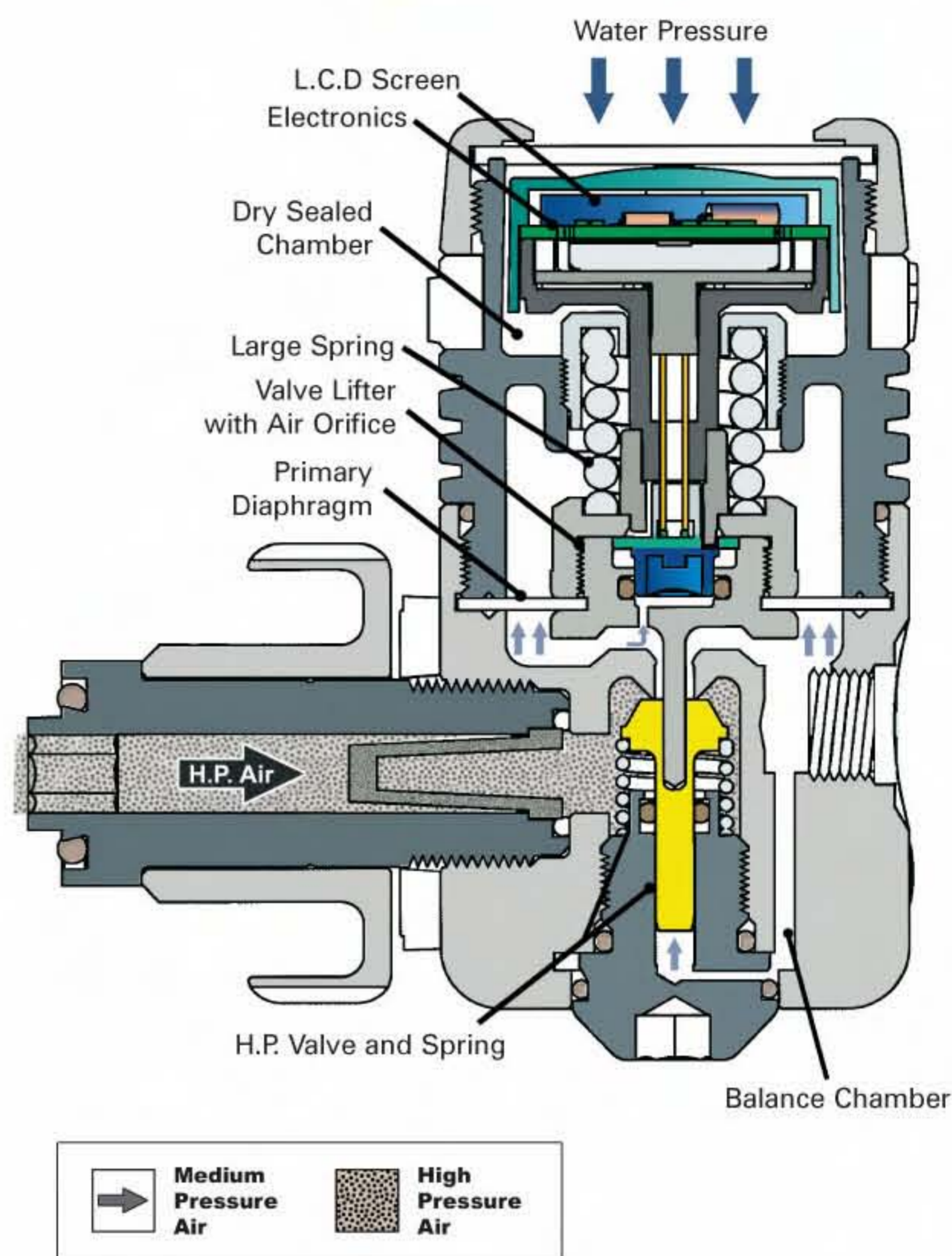
XTX STATUS TECHNICAL FEATURES

The Status is an electronic unit which gives the diver the option to visually check the condition of the first stage regulator before a dive begins. High pressure air enters through the first stage connection filter as in a conventional Apeks first stage. This exerts enough pressure on the primary diaphragm to compress the large spring and allows the H.P. Valve Spring to close the H.P. Valve, preventing further H.P. air flow. This maintains medium pressure air until the diver inhales.

In the Status first stage medium pressure is monitored and assessed by a micro-electronic computer and information is displayed on an L.C.D. screen.

An orifice in the Valve Lifter, allows the pressure sensor to detect this medium pressure. Information is transmitted to the electronics, by a newly developed load transmitter, which is protected under the cap in the dry sealed chamber. If the medium pressure falls outside the limits allowed, or usage time between servicing has been exceeded, the electronics displays this in an easy to read format.

Status First Stage Operation



Standard Features of the Status Range

- Maximum working pressure (H.P.): - DIN 300 bar / Yoke 230 bar
- Medium Pressure output 9.5 bar +/- 0.5 bar
- Four 3/8" UNF medium pressure ports
- Environmental dry sealed protection
- Balanced diaphragm design
- EN250 certified for cold water use
- EAN compatible up to 40% and when professionally converted suitable for 100% Oxygen use

Status Display



Of the major diving incidents investigated by the HSE (Health and Safety Executive) over a three year period almost half of all regulators tested did not meet the performance requirements of the European Standard for Diving Equipment (EN250). The HSE stated that lack of maintenance, servicing and cleaning were major contributory factors. The HSE recommends the need for regular servicing and maintenance of equipment.

(Source: Performance of Diving Equipment Report. Prepared by the Health and Safety Laboratory for the Health and Safety Executive 2006.)

Apeks has developed the micro-electronics of Status specifically for the extreme underwater environment of SCUBA diving and to improve diver safety. All first stage regulators are designed to reduce the very high cylinder pressure down to a more controllable medium or interstage pressure. This medium pressure, which is the driving force of the regulator, is supplied to the second stage which in turn controls the supply of gas to the diver. Knowing the medium pressure is within its ideal operating range gives the diver full confidence that the first stage is at its optimum before every dive and only a Status regulator displays this information. You will know by quick examination of the display that your medium pressure is OK.

Another unique safety feature of the Status regulator is that it monitors the usage, in hours and calendar months, from when the regulator is first used or last serviced. The diver is informed that the first stage requires servicing by a flashing 'SVC' indicator on the LCD screen. This will occur when the regulator is initially pressurised. To keep your regulator in premium condition it is vital that this is regularly and correctly serviced.

FSR STATUS

The flagship of the Apeks Status first stage regulator range.

- All medium pressure ports are 3/8" UNF so that the reversible XTX second stage can mount to either side of the first stage
- Balanced for superior performance
- The FSR Status comes standard with an environmental dry kit, keeping water and contaminants out and also improving the model's resistance to freezing
- Tough two shot moulded 300 bar DIN hand wheel
- Cosmetic ring and co-moulded yoke knob
- Compatible to EAN 40, new, out of the box
- Robust compact forged body
- 4 angled medium pressure ports 3/8" UNF
- 2 angled high pressure ports 7/16" UNF
- Removable Arcap valve seat



XTX 200 Second Stage

The FSR Status first stage, when purchased as a complete regulator, comes with the XTX200 second stage. This regulator is fully diver adjustable with the Reversible Venturi System and Cracking Resistance Control. For details of the second stage please refer to page 3 of the 'XTX Regulator Range' brochure.

FST STATUS



- Solid forged body suitable for extreme environments
- All medium pressure ports are 3/8" UNF so that the reversible XTX second stage can mount to either side of the first stage
- Balanced for superior performance
- The FST Status comes standard with an environmental dry kit, keeping water and contaminants out and also improving the model's resistance to freezing
- Metal 300 bar DIN handwheel or 2 shot moulded yoke handwheel
- 4 angled medium pressure ports 3/8" UNF
- 2 angled high pressure ports 7/16" UNF
- Compatible to EAN 40, new, out of the box
- Luxurious satin silver chrome finish

XTX 100 Second Stage

The complete XTX100 Status regulator features the FST Status first stage and the XTX100 second stage. Fully diver adjustable. Matching luxurious satin chrome finish. For full specification of the second stage please refer to page 4 of the 'XTX Regulator Range' brochure.



DST STATUS

- All medium pressure ports are 3/8" so that the reversible XTX second stage can mount to any of the ports
- Balanced for superior performance
- An environmental dry kit comes as standard
- 4 medium pressure ports 3/8" UNF mounted on a swivel turret
- 2 high pressure ports 7/16" UNF
- Polished chrome finish
- Metal 300 bar DIN handwheel or 2 shot moulded yoke handwheel
- Compatible to EAN 40, new, out of the box



XTX50 Second Stage

The complete XTX50 Status regulator features the DST Status first stage and the XTX50 second stage. For details of the second stage please refer to page 5 of the 'XTX Regulator Range' brochure.

DS4 STATUS

- Compact first stage
- Balanced for superior performance
- DS4 Status first stage comes standard with an environmental dry kit suitable for cold water diving
- 4 medium pressure ports 3/8" UNF
- 1 high pressure port 7/16" UNF
- Metal 300 bar DIN handwheel or 2 shot moulded yoke handwheel
- Compatible to EAN 40, new, out of the box



XTX40 Second Stage

The XTX40 Status regulator features the DS4 Status first stage and XTX40 second stage. A rugged high performance regulator suitable for cold water diving. For full details of the XTX40 second stage please refer to page 6 of the 'XTX Regulator Range' brochure.



Worldwide Distribution Centres

Apeks products are backed by a professional service with a worldwide distribution network. Africa, America, Asia, Australasia, Europe - wherever you dive you should be able to locate suitably qualified technicians to keep your equipment in optimum condition. Our dealers will also be pleased to give you information on our products and service. You can locate details of your nearest Authorised Apeks Dealer by contacting your distributor. Details can be found on our website www.apeks.co.uk

Apeks regulators are supplied with a lifetime guarantee.

Apeks Distributor

Authorised Apeks Dealer



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