

CAMOZZI'S OX1 RANGE MEETS THE STRINGENT DEMANDS OF THE LIFE SCIENCE MARKET

Nuneaton, 15 February 2021 - As a global leader in the supply of pneumatic fittings, Camozzi Automation manufacture in excess of 80M fittings per year. The company has now applied this extensive expertise to develop its OX1 range of fittings and accessories for the life science market.

The OX1 range includes fittings suited to medical gas applications, including medical and analytical equipment. The range adheres to the strict hygiene demands of components used in critical applications and during production is ultrasonic cleaned, inspected with UV black light, lubricated with a special oxygen compatible grease and uses materials that are fully compatible with oxygen.

To ensure that the strictest hygiene standards are maintained during production, Camozzi Automation has created controlled atmosphere environments; including an ISO 7 cleanroom conforming to ISO 14644-1 for the assembly of products and solutions that demand the highest possible levels of cleanliness.

Typical applications for the OX1 range include Ventilators, Anaesthesia devices, Oxygen Concentrators, Mass Spectrometry or Bio Medical analysers.

OX1 products offer excellent levels of cleanliness, with non-volatile residue equal to or less than 550mg/m².

The range includes Series 6000 OX1 super rapid push-in fittings designed with a special collet which provides high reliability and long service life, Series VNR OX1 unidirectional valves with integrated push-in, constructed to operate at low pressure and Series 2000 OX1 brass pipe fittings available in a wide range of options including straight, elbow and tee with male and female couplings. The range can be used with PA, PU, PE or Fluoropolymer Tubing.



New OX1 Fittings for Medical Gas Applications

Camozzi Automation – (www.camozzi.co.uk)

Camozzi Automation is a division of the Camozzi Group, an Italian multinational established in 1964 and leader in the production of components and systems for industrial automation. It also operates in various other sectors, from machine tools to textile machines, to many different procedures for processing raw materials.

The Camozzi Automation division offers a product range including components, systems and technologies for the industrial automation sector, the control of fluids - liquids and gases - and applications dedicated to transportation and life science.

Camozzi Automation's offering includes ever more IIoT products and solutions. We work to realise the digitalisation of production processes and on the creation of real cyber-physical systems through which it becomes possible to integrate mechanical, electronic and digital elements, constantly improving process performance.

The Camozzi Group is present in 75 countries worldwide with 30 subsidiaries, 5 operating divisions and 18 production sites. Camozzi Automation has 1,700 employees, 25 subsidiaries and 7 production sites.

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