

Automated plasma surface treatment package available

Visitors to the our [Technology Centre](#) near Oxford will have noticed the enclosure containing a robot-mounted [Relyon PB3 Plasmabrush plasma surface treatment system](#). We have created an integrated plasma surface treatment package which is being used for customer demonstrations and evaluations, and is available for purchase as a turnkey automated workstation.

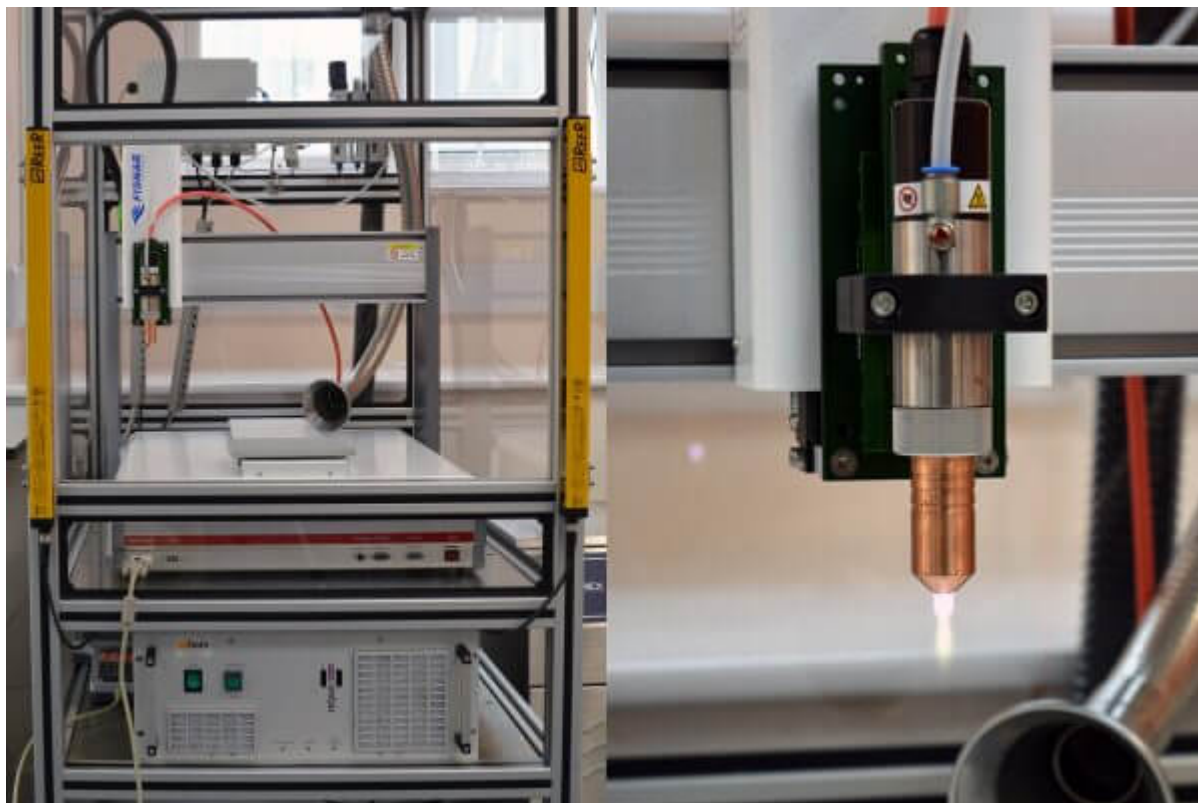
The **Relyon PB3 Plasmabrush plasma treatment system** improves adhesion and wetting of surfaces which are otherwise difficult to bond, print on, coat or laminate. Atmospheric plasma surface treatment is both highly efficient and environmentally friendly, and the bulk properties of the treated part are not altered. The surface does not suffer marks or discolouration.

The workstation we have produced matches a **Relyon PB3 Plasmabrush** with a [Fisnar F7400N cartesian benchtop robot](#). This is the largest in the Fisnar F7000 series and offers a 400 x 400mm working area. The F7000N has 3-axis configuration in standard form, while it is also available in a 4-axis variant for more complex applications. The whole package is mounted in a robust framework which provides the access required for production with controls and interface conveniently located, and full systems for operator safety. This set-up offers repeatable precision for fine detail areas over complex 3D shapes, and control to make it gentle enough to treat thin textiles or delicate materials, including porous substrates and foams.

The **Relyon PB3 Plasmabrush** can also be integrated into continuous production processes thanks to its compact, lightweight, modular design and adaption of the PS2000 high voltage power supply to the CANopen industrial standard communication protocol.

[You are welcome to visit](#) to our Technology Centre – get in touch.

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Supplied by:

intertronics

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e info@intertronics.co.uk

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