

Relyon PlasmaTool Portable Surface Treatment System



Description

The **Relyon PlasmaTool** is a handheld, portable surface treatment device for improving adhesion and wetting on difficult to bond plastics like polyethylene, polypropylene and other polyolefins. The PlasmaTool is particularly effective where materials cannot be treated automatically because of size or mobility. With a portable trolley design, the Plasmatool is usable in any area of the workplace.

An integrated air compressor supplies the plasma generator, meaning that no external gas supply is needed. The PlasmaTool has been developed with maximum operator safety in mind, including dual trigger activation.

For a system with the same power in a stationary format, please see the [Relyon Plasmabrush PB3 Plasma Surface Treatment System](#).

This short video demonstrates how easy the PlasmaTool is to use and how adhesion to difficult-to-bond, low surface energy substrates can be improved using plasma surface treatment:

Features & Benefits

Relyon PlasmaTool Portable Surface Treatment System



Improves adhesion & wetting of surfaces for

large or hard to reach areas

- Convenient and portable design
- Suitable for different processes, substrates and geometries
- No separate PLC necessary
- Stand-alone unit, no compressed air or mass flow control required
- Single person handling thanks to trolley design
- Two-handed operation and signal lamp for advanced safety
- Robust and intuitive, easy to use

Relyon PlasmaTool Portable Surface Treatment System



- Single power outlet needed

Applications

The PlasmaTool is ideal for use in industrial and manufacturing environments.

- Medical
- Automotive
- Electronics
- Consumer
- Food, cosmetics & pharmaceuticals
- Professional model making

The PlasmaTool allows fine cleaning and germ reduction on a great variety of surfaces such as glass, plastics or metals and thus provides excellent support in effecting processes in the field of microbiology, medicine, microfluidics or food engineering.

Specifications

Specification

Relyon PlasmaTool Portable Surface Treatment System



Electrical connection	220 – 240 V/50 – 60 Hz
Power consumption	1,300 W
Max input current	6A
Weight	60 kg
Measurements	800mm x 540mm x 430mm
Sound pressure level	<60dB (A) at a distance of 1 metre

Other Information

Relyon PlasmaTool Portable Surface Treatment System



CASE STUDY

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for your manufacturing and technology applications

Relyon
PlasmaTool
Portable surface
treatment system



Plasma Technology Provides Optimal Bonding Preparation for CFRP Structures

Surface tension and the associated wettability of the materials play an important role, especially in the areas of bonding and laminating, for Roding Automobile GmbH, a specialist in the development and production of lightweight CFRP structures for the automotive and aviation industries.

Find out more about the technology behind the PlasmaTool by reading our [technical bulletins and white papers](#):

- [Plasma Technology for Surface Cleaning](#)

Ordering Information

Relyon PlasmaTool Portable Surface Treatment System



Part number	Description
REL1000620000	PlasmaTool handheld plasma surface treatment device for large structures

Let's start by talking about your application

Relyon PlasmaTool Portable Surface Treatment System



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orders@intertronics.co.uk

- Name*
- Company*
- Phone*
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If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

-
- Tell us about your application

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Supplied by:

intertronics

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