



NEW !

Magic Weld Cleaning is more eco-friendly

The heat treatment of stainless steels , in particular when welding, creates troublesome oxide layers which have to be removed. In addition to mechanical processes such as grinding, brushing, shot-blasting, chemical processes with aggressive pickling pastes have traditionally been used.



The ISOJET III's thermo-chemical method is faster, less hazardous and more ecological.

The ISOJET III stainless steel cleaning apparatus operates on the thermo-chemical principle. Thanks to the wand and the electrolytes, specially selected for this process – only the oxide layers generated by the heat treatment are removed. This guarantees that the optical surface smoothness is fully preserved.

The cleaned work piece merely has to be rinsed with clean water and protected with a spray to preserve the passive layer required for the corrosion resistance of the steel.

The Isojet III is attached to a 230-V or 110 V electrical supply with an adjustable constant current. The electrolyte is applied simply by dipping the wand into the fluid and then moving it over the discoloured weld at a rate of up to 2m/min, leaving a clean surface on both

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grained and polished stainless steel.

The ISOJET also offers a "Magic Printing" function. This refers to the electro-chemical etching of chrome nickel materials. Company logos, codes, names or other data can be applied, creating a permanent and corrosion-resistant effect.

"Magic Printing" is simplicity itself to use. Set the unit voltage to "ETCH", place the stencil on the work piece, moisten the printing felt and the film with the special etching electrolyte, pass the electrode over two or three times, and the printing operation is complete.

For further information on the ISOJET III cleaner and many more stainless steel cleaning and preservation products contact SURTECH on 0121 359 4322 or visit their Abrasive Test Centre 5 minutes from Spaghetti Junction.

Encl.: Colour photos showing the ISOJET III Kit and the ISOJET III in action

For further information contact Klaus Lehnen on 0121 359 4322

[pr/current/iso/magiccleaning](#)

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