

Degauss 600

DEMAGNETISATION SYSTEM



- Eliminates the effects of arc blow
- Easy to use
- Improves weld quality
- Reduces weld failures
- Improves safety and reliability

The flexible and efficient demagnetisation solution.

The Degauss 600 is an efficient and flexible system that demagnetises steel pipes and plates prior to welding. It uses a declining and polarity switched demagnetising current to reduce magnetism in the parts to be welded, eliminating the effects of arc blow.

The magnetic field generated by the arc can cause the workpiece to move, which can lead to poor weld quality or even a weld failure. The Degauss 600 helps to prevent arc blow by reducing the magnetism in the workpiece, which stabilizes the arc and prevents it from moving the workpiece.

Easy to use, the Degauss 600 is a valuable tool for any welder who wants to improve the quality of their welds and it can be used on a variety of steel pipes and plates.

The Degauss 600 is the perfect solution for complex geometries and varying steel section thicknesses. It can be fitted with an optional remote control, which allows the operator to set up the unit adjacent to the weld area and adjust the demagnetising current and polarity while the part is being welded.

This gives the operator greater flexibility and control and helps to ensure that the part is demagnetised evenly and effectively. This can lead to improved weld quality and reduced weld failures.

The system can be supplied with a total of 30 metres of demagnetising cable, sufficient to demagnetise large and complex fabrications.



General Specifications

Frequency	50/60 Hz
Mains Fuse	3 x 16 A safety, slow-blow fuse
Mains Connection Lead	H07RN-F4G2,5
Cost / Efficiency	0.99 /88%
Insulation Class	H
Protection Classification	IP 34s
Ambient Temperature	-25oC to +40oC
Machine Cooling	Fan
Workpiece Lead	35 mm ²
Dimensions	600 (L) x 205 (W) x 415 (H) mm
Weight	25.5 kg
EMC Class	A
Constructed to Standard	IEC 60974-1, -10

RT DGS1 Specifications

Interface	19-pole
Dimensions	118 (L) x 118 (W) x 94 (H) mm
Weight	0.42 kg


Full calibration certification provided, traceable to The National Physical Laboratory (NPL), UK.

The Validation Centre (TVC) Limited reserves the right to alter or change product specifications without prior notice. Images are representative of full optional additions installed; delivered equipment and software may vary depending on options purchased.



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