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Solution for the welding universe

Top Loading Submerged Arc Welding Flux Drying Oven

MODEL - UFO 200 D

HIGHLIGHTS

- ☒ Complete SS 304 internal construction.
- ☒ Flux loading from the top, outlet at the bottom – Easy & Safe Handling of flux.
- ☒ Unique oven design saves 50%-75% of power as compared to tray-type models.



PRODUCT SPECIFICATION SHEET

TECHNICAL SPECIFICATION	UFO 200 D
CAPACITY	200 Kg. (440 lbs.) of flux
INTERIOR	Complete SS 304
EXTERIOR	Mild Steel, Powder coated
TEMPERATURE RANGE	Ambient – 400°C
TYPE OF CONTROL	PID Controller with thermocouple sensor
BACK-UP TEMPERATURE CONTROL (SAFETY CONTROL)	A Digital Temperature control
INPUT SUPPLY	415 V, three-phase AC, 50 Hz
INPUT CURRENT	13 Amps/Phase
INPUT POWER	9kW

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FEATURES

01. All surfaces in contact with the flux including the door, top surface, inner chamber and flux dispensing mechanism is fabricated out of thick SS 304 sheet. This prevents any contamination of flux and greatly increases oven service life.

02. The inner chamber is specially designed to ensure that the oven dispenses flux smoothly and completely through the bottom valve.

03. The heating system is designed such that the heaters are not in direct contact with the flux. This prevents overheating of flux and the formation of slag due to flux melting.

04. Heating of flux is uniform throughout the volume of the oven. No formation of heat spots or places where the flux remains unbacked. Ensures that flux entering the welding system is 100% moisture-free.

05. PID controller accurately controls the temperature of flux. Safety controller prevents temperature shoot-up.

06. Excellent insulation prevents heat loss and channels all heat inside the chamber.

07. Powder-coated exterior provides protection and improves aesthetics.

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