

TOP LOADING SUBMERGED ARC WELDING FLUX DRYING OVEN

MODEL – HIEC:400:HF, 300Kg. Capacity



FEATURES

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

TECHNICAL SPECIFICATIONS	HIEC 400 HF, 300Kg.
<i>CAPACITY (approx)</i>	300 Kg. (660 lbs.) of flux
<i>INTERIOR</i>	Complete SS 304
<i>EXTERIOR</i>	Mild Steel, powder coated.
<i>TEMPERATURE RANGE</i>	Ambient - 400 ⁰ C (752 ⁰ F)
<i>TYPE OF CONTROL</i>	PID Controller with thermocouple sensor
<i>BACK-UP TEMP. CONTROL (SAFETY CONTROL)</i>	By a Digital Temperature Controller
<i>INPUT SUPPLY</i>	415 V, Three phase AC, 50 Hz
<i>INPUT CURRENT</i>	17.2 Amps / Phase
<i>INPUT POWER</i>	12 kW

This model is also available with the following options :

- Temperature control – By Profile controller with Ramp, Soak features
- Audio-visual alarms.

HARIDAS INSTRUMENTS & EQUIPMENTS CO.

(An ISO 9001:2008 Company)

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- 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.
- The inner chamber is specially designed to ensure that the oven dispenses flux smoothly and completely through the bottom valve.
- The heating system is designed such that the heaters are not in direct contact with the flux. This prevents overheating of flux and formation of slag due to flux melting.
- Heating of flux is uniform throughout the volume of the oven. No formation of heat spots or places where the flux remains unbaked. Ensures that flux entering the welding system is 100% moisture free.
- PID controller accurately controls temperature of flux. Safety controller prevents temperature shoot-up.
- Excellent insulation prevents heat loss and channels all heat inside the chamber.
- Powder coated exterior provides protection and improves aesthetics

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