

## TOP LOADING SUBMERGED ARC WELDING FLUX DRYING OVEN

**MODEL – HIEC:400:HF, 50Kg. 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.

<b>TECHNICAL SPECIFICATIONS</b>	<b>HIEC 400 HF, 50Kg.</b>
<i>CAPACITY (approx)</i>	50 Kg. (110 lbs.) of flux
<i>INTERIOR</i>	Complete SS 304
<i>EXTERIOR</i>	Mild Steel, powder coated.
<i>TEMPERATURE RANGE</i>	Ambient - 400 <sup>0</sup> C (752 <sup>0</sup> 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>	230/240 V, Single phase AC, 50 Hz
<i>INPUT CURRENT</i>	12.9 Amps
<i>INPUT POWER</i>	3 kW

**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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