

# Furnaces

## NSW-103

### HIGH TEMPERATURE FURNACE TEMPERATURE RANGE (1200°C)

**CONSTRUCTION:**

- Outer casing is made of thick Mild Steel Sheet duly painted in epoxy powder coating.
- Insulated with Ceramic Fiber blanket of high density for better insulation.
- Quick heating type, light in weight.
- Provided with Stainless Steel 310 Qlty. Base plate.
- Hinged type swing door insulated with ceramic fiber to avoid heat losses from the door.
- Heating Elements are of Kanthal wire
- The panel is fitted at top of the furnace.
- Temperature continuously up to 1150°C, 1200°C intermittent.
- Temperature Controlled by Microprocessor based controller cum indicator with LED display.
- Work on 220 or 440V AC, 50 Hz.



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**SIZE INSIDE CHAMBER:**

MODEL	SIZE (MM)			LTRS	RATING
	W	H	D		
HTF-1	100	100	225	2	1.5 KW
HTF-2	125	125	300	5	3.0 KW
HTF-3	150	150	300	7	3.0 KW
HTF-4	200	200	300	12	4.0 KW
HTF-5	200	200	455	18	4.0 KW
HTF-6	200	200	605	25	4.0 KW
HTF-7	300	300	300	28	9.0 KW
HTF-8	300	300	455	42	12.0 KW
HTF-9	300	300	605	56	12.0 KW

**OPTIONAL:**

- Microprocessed PID Controller having 4 ramp & 4 soak profile having set mode, alarm parameter, configuration parameter, profile parameter, set point profile, PV error indicator, parameter for locking etc.
- Alarm: It is possible to provide electronic alarm if, temperature deviates more than ± 5°C.
- Data logger 4 channel temperature recording with basic software and RS485 PC communication or data can be collect through USB Port to cost extra.