

# Furnaces

## NSW-102 INDUSTRIAL FURNACE (GROOVE TYPE)

**CONSTRUCTION:**

- **Maximum Working Temperature 1000°C**
- Temperature Controlled by Microprocessor based controller with LED display Digital Temperature Controller cum Indicator.
- Outer casing is made of thick Mild Steel Sheet duly painted in epoxy powder coating.
- Inside chamber made of Grooved Refractory for supporting the heating element on four sides.
- Insulation by high temperature graded insulation bricks and mica powder.
- Heating elements are made of kanthal wire and easily replaceable.
- With copper thermal fuse.
- Thermocouple k-type sensor (inside)
- Work on 220 or 400/440V AC, 50 Hz.



NSW-102

**SIZE INSIDE CHAMBER:**

MODEL	SIZE (MM)			LTRS	RATING
	W	H	D		
EF-1	125	125	300	5	5.0 KW
EF-2	150	150	300	7	5.0 KW
EF-3	200	200	300	12	7.5 KW
EF-4	300	300	300	28	12.0 KW
EF-5	300	300	455	42	12.0 KW
EF-6	300	300	605	56	12.0 KW

**OPTIONAL:**

- Micro processed 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 to cost extra.
- Alarm: It is possible to provide electronic alarm if, temperature deviates more than ± 5°C to cost extra.
- Data logger 4 channel temperature recording with basic software and RS485 PC communication or data can be collect through USB Port to cost extra.