

# Furnaces

## NSW-101

### MUFFLE FURNACE RECTANGULAR (LABORATORY MODEL)

**CONSTRUCTION:**

- The casing is made of thick mild steel sheet reinforced with iron angles riveting. and painted with attractive epoxy powder coating.
- Heating chamber consisting of rectangular horizontal shape totally enclosed muffle baked at 1500°C
- Handle with counter balanced door for easy operation opening.
- Heating element made of kanthal wire.
- Heating chamber surrounded outside by kanthal wire.
- Insulation is done by mineral wool and insulation bricks.
- With silver fuse.
- To work on 220/230V AC, 50 Hz.



NSW-101

**TEMPERATURE:**

- **Maximum Working Temperature 900°C**
- Temperature controlled by Microprocessor based digital temperature controller cum Indicator with LED display.

**SIZE INSIDE CHAMBER:**

MODEL	SIZE (MM)			LTRS	RATING
	W	H	D		
MF-1	100	100	225	2	1.5 KW
MF-2	125	125	300	5	2.5 KW
MF-3	150	150	300	7	3.0 KW
MF-4	175	175	475	15	5.0 KW
MF-5	200	200	300	12	5.0 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.