

## Neo Super Cascom - Mechanical Information

### PASSWORD FOR MUFFLE REPLACEMENT

When Error 5 is displayed, the unit will also show 4-digit number on the right display that indicates the total number of casting. Use the following calculation to get the password.

Calculation for the PASSWORD:

# of castings	below 1149	(N x 57 + 12)
# of castings	b/t 1150 - 2299	(N x 57 + 12) - 65536
# of castings	b/t 2300 - 3449	(N x 57 + 12) - 131072
# of castings	b/t 3450 - 4598	(N x 57 + 12) - 196608
# of castings	b/t 4599 - 5748	(N x 57 + 12) - 262144
# of castings	b/t 5749 - 6898	(N x 57 + 12) - 327680
# of castings	b/t 6899 - 8048	(N x 57 + 12) - 393216
# of castings	b/t 8049 - 9197	(N x 57 + 12) - 458752
# of castings	b/t 9198 - 9999	(N x 57 + 12) - 524288

TOTAL CASTING TIME ↓



※ 1245 and 36 represent total numbers of casting % of casting at the temperature over 1400 °C.


Example 1: # of casting = 1159 → (1159 x 57 + 12) - 65536 = 539      PW: 0539

Example 2: # of casting = 4278 → (4278 x 57 + 12) - 196608 = 47250      PW: 7250

After replacing the muffle, please apply MUFFLE HEAT CORRECTION. See below for the instruction.

### MUFFLE HEAT CORRECTION

Press and hold [SELECTOR] and power switch on. If your display shows fewer number than . . - 1.4. you must do the following process.

1. Turn the main switch on
2. Press and hold [SELECTOR] then press [OK]
3. Press [OK] a few times to read .E P.
4. Press  to input the Heat Correction Value shown on the right bottom of the muffle installation instruction.
5. Press [SELECTOR] to save the change.

### MAJOR ERROR MESSAGES

Error 5: Muffle heater is malfunctioning	- Muffle heater needs to be replaced
Error 6: Thermocouple is malfunctioning	- Thermocouple needs to be replaced
Error 13: Abnormal low pressure	- Check [ARGON•AIR] button. Air has to be on.