

Digital Muffle Furnace

- Digital microprocessor-based PID control system implementing superior temperature accuracy.
- Design for Ash-determinations, Enameling, Fusions, Participate Drying.
- Over temp. & over current protection & sensor error detector (Optional).
- Dual thermocouple with dual control system (Optional).
- Ceramic fiber embedded heating wire, 3-side heating.
- Perfect heat insulation made by Heat resistant packing



Technical Specifications

| Models | SSMF-01 | SSMF-02 | SSMF-03 | SSMF-03 |
|--------------------|--|------------|------------------------------------|---------------|
| Dimensions (WxDxH) | 4x4x8 inch | 6x6x9 inch | 9x9x12 inch | 12x12x12 inch |
| Heater | Kanthal A1, Embedded wire heating elements, 3-side heating | | | |
| Thermocouple | K-type thermocouple | | | |
| Heat-up Time | 20 min. To 37°C 20 min. To 50°C | | 35 min. To 37°C 35 min. To 50°C | |
| Heating Power | 2.00kW | 3.5kW | 4.2kW | 6kW |
| Display | Digital display with back-light function | | | |
| Timer | Optional | | | |
| Safety Circuit | Over temp. and over current protection | | | |
| Controller | Digital PID Controller | | | |
| Material | Ceramic fiber embedded heating wire, internal, powder coated steel- external ceramic fiber-insulation | | | |
| Power Supply | Single Phase, AC 220 V, 50Hz | | | |

NOTE: Technical specification & design are subject to change without prior notice due to continuous upgradation.

SEMCO SCIENTIFIC PRIVATE LIMITED

9C/91, Vrindavan Yojna, Raebareli Road, Near NKM School, Lucknow – 226029, U.P.

info@semcoscientific.in / semcoscientific@gmail.com / www.semcoscientific.in

+91-9918227744 / +91-6388224590 / 0522-3569875