

MUFU - Laboratory Muffle Furnace



- 1200°C maximum operating temperature
- 2, 7, 12, or 16 litre chamber volumes
- Vacuum formed, low thermal mass insulation
- PID (Proportional Integral Derivative) temperature control.
- Series D - ventilated via top mounted ceramic chimney
- Door locking

MUFU - Technical Specification

| Furnace Type | MUFU-A2 | MUFU-A7 | MUFU-A12 | MUFU-A16 |
|--------------------------------|--|-------------|-------------|-------------|
| | MUFU-D2 | MUFU-D7 | MUFU-D12 | MUFU-D16 |
| Volume Litter | 2 | 7,2 | 12 | 16 |
| Temp. Range | 100-1200°C | | | |
| Temp. Resolution | 1°C | | | |
| Temp. motion | ±1°C5 | | | |
| Temp. Rising time to max temp | ≤28min | | | |
| Chamber material | Ceramic fibre | | | |
| Outer shell | Series A cold rolling steel electrostatic spraying exterior; Series D: stainless steel | | | |
| Insulation layer | Ceramic fibre | | | |
| Heater | Alloy heating wire | | | |
| Max. Power | 1,5kW | 3,0kW | 4,5kW | 6,0kW |
| Holding Power | 800W | 1,4kW | 1,5kW | 2,2kW |
| Exhaust hole | φ30mm (chimney size 80*60mm) | | | |
| Temp. control mode | Type A - single-stage temperature controller Type D - color LCD 64- segment programmed temperature controller | | | |
| Timer | Type A – without timing function, Type D with timer function and auto stop | | | |
| Sensor | Type A – Platinum Rhodium Sensor, Type D High precision K Type Sensor | | | |
| Safety device | Manual door security lock, over temperature sound-light alarm, door opening electrical outage, over-temperature protection, thermocouple failure | | | |
| Inner Chamber size (W*L*H)(mm) | 120*200*80 | 200*300*120 | 200*300*200 | 250*400*160 |
| Exterior size (W*L*H)(mm) | 450*685*600 | 530*785*640 | 530*785*720 | 600*895*700 |
| Packing size (W*L*H)(mm) | 580*775*730 | 660*875*770 | 660*875*850 | 730*985*830 |
| NW/GW (kg) | 33/37 | 45/50 | 62/68 | 77/96 |
| Optional Accessories | LCD program temperature control device with USD date storage, | | | |



MUFU-A Muffle Furnace

Please note

If this Muffle Furnace does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

Laboratory Equipment Production and Distribution

www.colo.si

Presernov Trg 9, 8000 Novo Mesto
Slovenia

Tel. +386 590 48 880 Email: office@colo.si