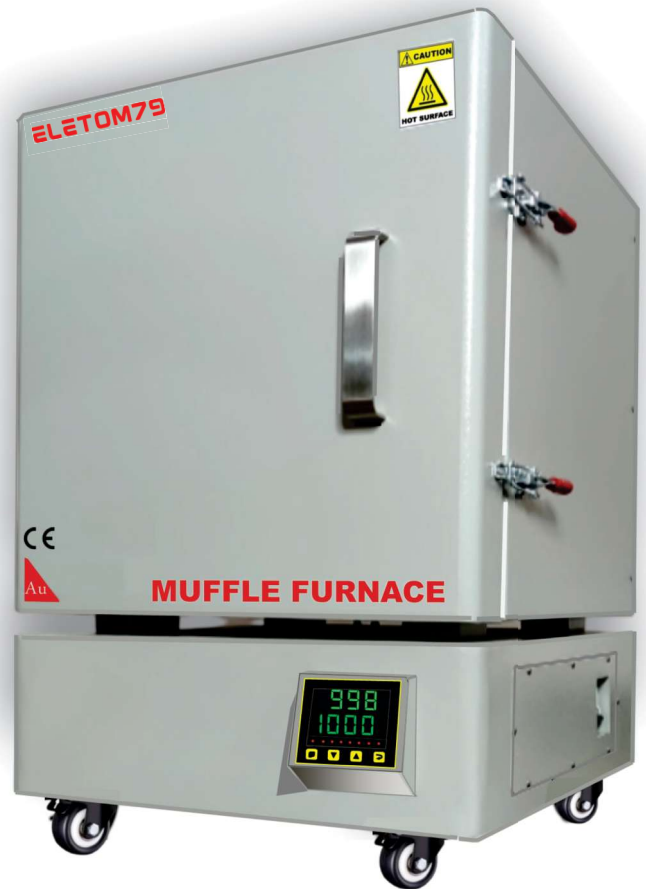


ELETOM79[®]

MUFFLE FURNACE



KEY FEATURES



21 CFR Compliance Software
with PC Interface



Fast & Precise Heating
Operations



Email Notifications For Alarms



Multi-Layer High Thermal Insulation



16 Step Programmable
Profile Controller



Full Length Door Design



User Interactive & Informative
Jumbo Display



Castor Wheels for Ease of Movement



Process & Event Alarms



Dual Sensor for Excellent User Safety
from Temperature

FEATURES CONTD...

- Stand Alone System with Castor Wheel
- Intelligent Door-Open Sensing with Alarm
- Robust Build Quality & Compact Foot-Print
- Sunlight Readable Large bright Display
- Very User-Friendly and Informative User Interface
- Built-in 16 Segment Ramp / Soak Set Point Profile Controller
- Comprehensive Alarm System (Process Deviations, Door Open)
- High Grade, Superior Quality Ceramic Materials Used for Best Performance
- Uniquely Designed Double Walled Body System with Latent-Dissipation Technique for Negligible Dissipation
- Optional 64 Ramp / Soak Programmable Profile Controller Available
- Optional External Port for Alarm Available
- GMP Model Available



SCAN QR
FOR MORE DETAILS

TECHNICAL SPECIFICATION

Au SERIES	MODELS	EAML-4	EAML-6	EAML-9
DIMENSIONS	INNER MUFFLE (W x D x H) inch	4 x 9 x 4	6 x 12 x 6	9 x 18 x 9
	CAPACITY (L)	2	7	23
POWER SUPPLY%	SINGLE PHASE 230 VAC, 50Hz	2500 W	--	--
	THREE PHASE 440 VAC, 50Hz	--	4500 W	7500 W
TEMPERATURE	RANGE	Ambient +7°C to +1000°C		
	RESOLUTION	0.1°C		
	ACCURACY	± 3°C		
	SENSOR	Efficient 2-Wire Dual K-Type Thermocouple Sensor with Ceramic Isolation Construction		
CONTROLLER	PID CONTROLLER	Intelligent Microprocessor Based, Tuned PID Temperature Controller		
	TIMER	Each Step of Profile, the Time can be Set to: 0 - 9999 minutes Power-Fail Recovery Option: Resume, Abort		
INSTRUMENT MOC	INNER CHAMBER	Inner Chamber Made of Powder Coated CRCA Sheet		
	OUTER CHAMBER	Outer Chamber Made of Powder Coated CRCA Sheet		
	DOOR	Outer Side Made of Powder Coated CRCA Sheet & Inner Side Made of Ceramic Material		
	INSULATION	The Muffle is Insulated with Multi-Layer, High Thermal Insulating Ceramic Material		
	COIL	Heaters made of High Grade A1 Kanthal Heating Element of Suitable Wattage		
	VALIDATION PORT	Validation Port is Provided for Instrument Validation using External Sensor		
SAFETY	DOOR LOCKING	Heavy Duty, Easy and Secure, Latching Mechanism		
	OPERATIONAL SAFETY	Safety Door Sensor for Operational Cut-Off to Retain Temperature Inside Muffle		
	ELECTRICAL SAFETY	Electro-Magnetic Interference Filter, Leakage Current Protector, MCB Incorporated for User Safety & Component Protection		
ACCESSORIES	TEMP. SAFETY	Factory Set, Auto Electrical Cut-Off Digital Thermostat Provided		
	DOCUMENTS	IQ, OQ Document, NABL Calibration Certificates* for Sensor & Controller		
	TOOLS	Provided with 1 Pair of SS Grade Tongs, 1 Pair of High Thermal Insulating Hand Gloves		

*For certain sensors & controllers we provide Non-NABL Certificates.

%Actual Power Values Depends upon Site Voltage Ratings.