

5E Series Muffle Furnace

5E-MF6400 Muffle Furnace

5E-MF6100K Muffle Furnace

Standard Configuration

Main analyzer
Ash crucibles
Volatile matter crucibles
Lids for volatile matter crucibles
Holder for ash crucible
Holder for volatile matter

3000+ Units Reference
High Reliability



Application

5E Series Muffle Furnace is used to determine the ash, volatile matter in coal, coke, biomass and other organic material.

Features

Unique Feature - The furnace can be connected with CLIMS

1. Over-temp alarm and SCM/PC temperature control.
 2. One PC connects more than one muffle furnace.
- Available to record and transmit analysis data for each set, including sample number, sample mass, heating time, results.

High Reliability and Efficiency

The temperature could rise to 950°C within 15mins. Multiple batches of tests could be carried in a day.

Easy Operation

1. Easy to read temperature and time with LCD backlight.
2. Furnace hole on front door is available for calibration.

Customized Setting

1. Automatically complete the temperature controlling procedure by choosing different program. (Slow ash and volatile matter program are available for choice)
2. The heating temperature and time could be adjusted by user.

Specification

Model	5E-MF6400	5E-MF6100K
Conforms to Method	AS 1038.3, ASTM D1102/D3174/D7582/E830, GB/T 212, UNI EN 15148, UNI EN15403, UNI EN ISO 18122, ISO 562, ISO 18123,	
Embedded Furnace Wire	Yes	/
Max. Temp.	1000°C	
Temp. Control Precision	±3°C	
Power Supply	Single phase, AC220V±10%, 50/60Hz, ≤4 kW	
Net Weight	60kg	
Furnace Size(L×W×H)	300mm×200mm×120mm	
Dimension(L×W×H)	740mm×400mm×670mm	