

MF Series Ceramic Muffle Furnace

DRYING OVEN

LABORATORY INCUBATOR

MUFFLE FURNACE

WATER DISTILLER

WATER BATH & OIL BATH

HEATING MANTLE

STIRRER

MIXER & SHAKER

HEATING PLATE & SAND BATH

DIGESTION APPARATUS & METAL BATH

NITROGEN SAMPLE CONCENTRATOR

CLEAN BENCH

STERILIZER

VACUUM PUMP

FILTRATION

GRINDER

COLONY COUNTER

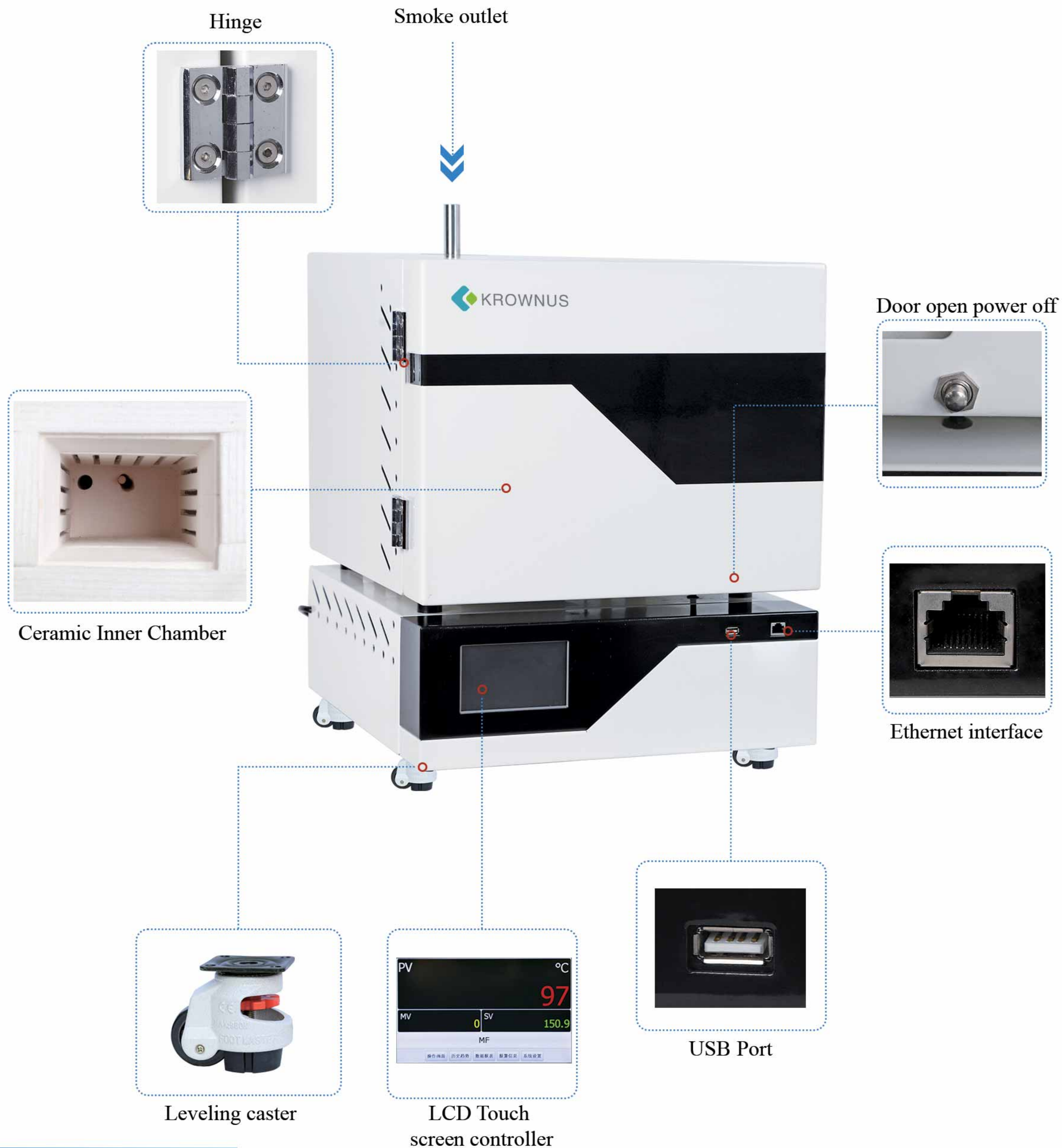
DRYER

CENTRIFUGE

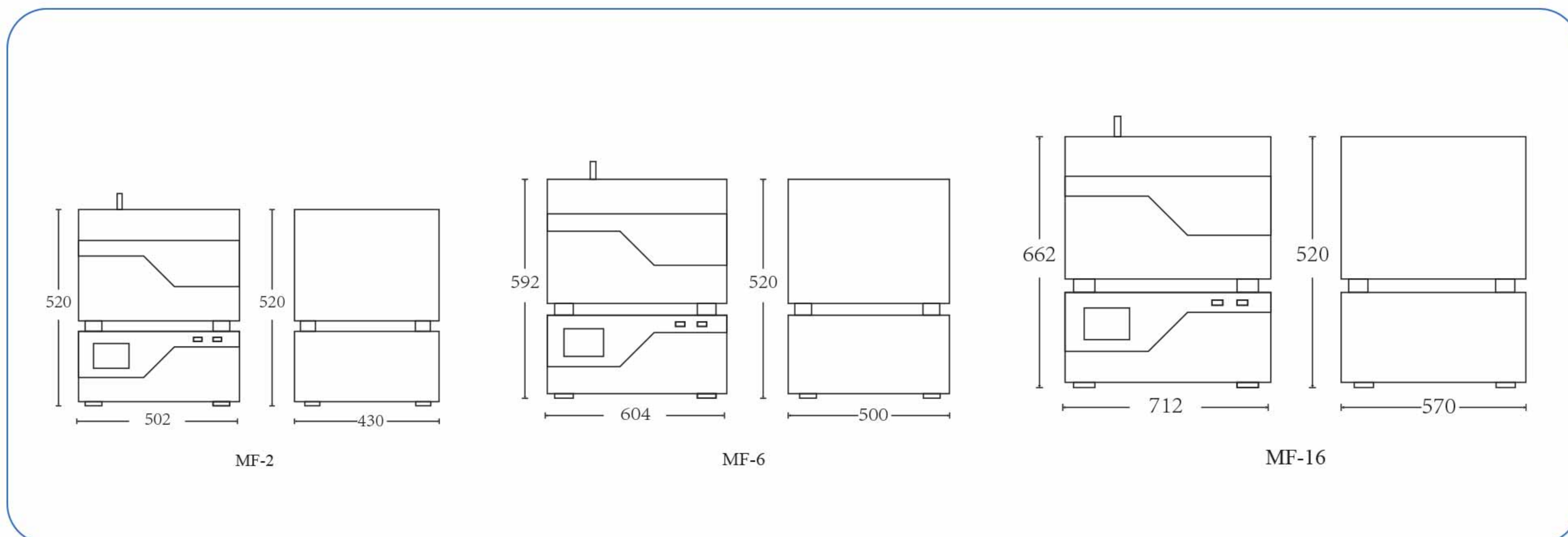
ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE



Dimension(mm)



DRYING OVEN
 LABORATORY INCUBATOR
MUFFLE FURNACE
 WATER DISTILLER
 WATER BATH & OIL BATH
 HEATING MANTLE
 STIRRER
 MIXER & SHAKER
 HEATING PLATE & SAND BATH
 DIGESTION APPARATUS & METAL BATH
 NITROGEN SAMPLE CONCENTRATOR
 CLEAN BENCH
 STERILIZER
 VACUUM PUMP
 FILTRATION
 GRINDER
 COLONY COUNTER
 DRYER
 CENTRIFUGE
 ELECTRIC FURNACE
 LIFTING TABLE
 LABORATORY CONSUMABLE

This MF series of Ceramic Muffle Furnace is a periodic operation type, for laboratories, industrial and mining enterprises, scientific research institutions, colleges and universities for sintering of metal materials, ceramic materials, heat treatment of some single crystals, high temperature reburning shrinkage of refractory materials and general small steel parts quenching, annealing, tempering and other heat treatment heating.



Characteristics:

- The inner chamber of furnace is made of ceramic fiber material, which has the characteristics of light weight, small hot melt and small heat loss in empty furnace.
- The heating speed is fast, and it only takes 15 to 20 minutes to rise to 1200°C.
- The two working modes of fixed value and program can be switched.
- In program mode, there are 30 program segments and multiple sets of recipes.
- Unique housing thermal duct design, to ensure that the outer temperature is low, not hot.
- Side open door structure, open flexible and convenient, hidden door lock, beautiful appearance.
- The furnace door switch detector is provided. After the furnace door is opened, the heating will be automatically cut off to protect the operator's safety.
- High-performance 5-inch HD LCD touch temperature controller, using AI artificial intelligence algorithm to ensure accurate temperature control effect.
- Displays real-time trends, light columns and historical curves.
- With USB interface, historical data can be exported to the computer for analysis and viewing.
- With Ethernet interface, It can be use APP to remotely monitor and operate the instrument.
- Using high quality SSR as temperature control element, no noise, long life, not easy to damage.

Major Technical Parameters:

Model	MF-2	MF-7	MF-16
Rated Power(kw)	1.5	3	6
Rated Temp.	1200°C		
Timing range	1-9999min		
Controller Type	LED Programmable type		
Voltage	AC220V 50Hz		AC380V 50Hz
Inner Chamber	Ceramic fiber		
Phase	Single		Three
Temp. rising time	≤20min		
Heater	Iron chromium alloy heating wire		
Capacity(L)	2	7	16
Operation Function	Auto tuning function, Offset value setting, Timing function		
Specification	LCD programmable touch screen controller with 30 segment, Programmable timer, USB port, Ethernet interface		
Safety Device	Over temperature sound-light alarm, Door open power off		
Sensor	PT100		
Size of inner chamber	200*120*80	300*200*120	400*250*160
Size of Exterior	502*430*520	604*500*592	712*570*662
NW(KGS)	30	40	76
GW(KGS)	34	50	81