

# DO series Convection Air Drying Oven

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

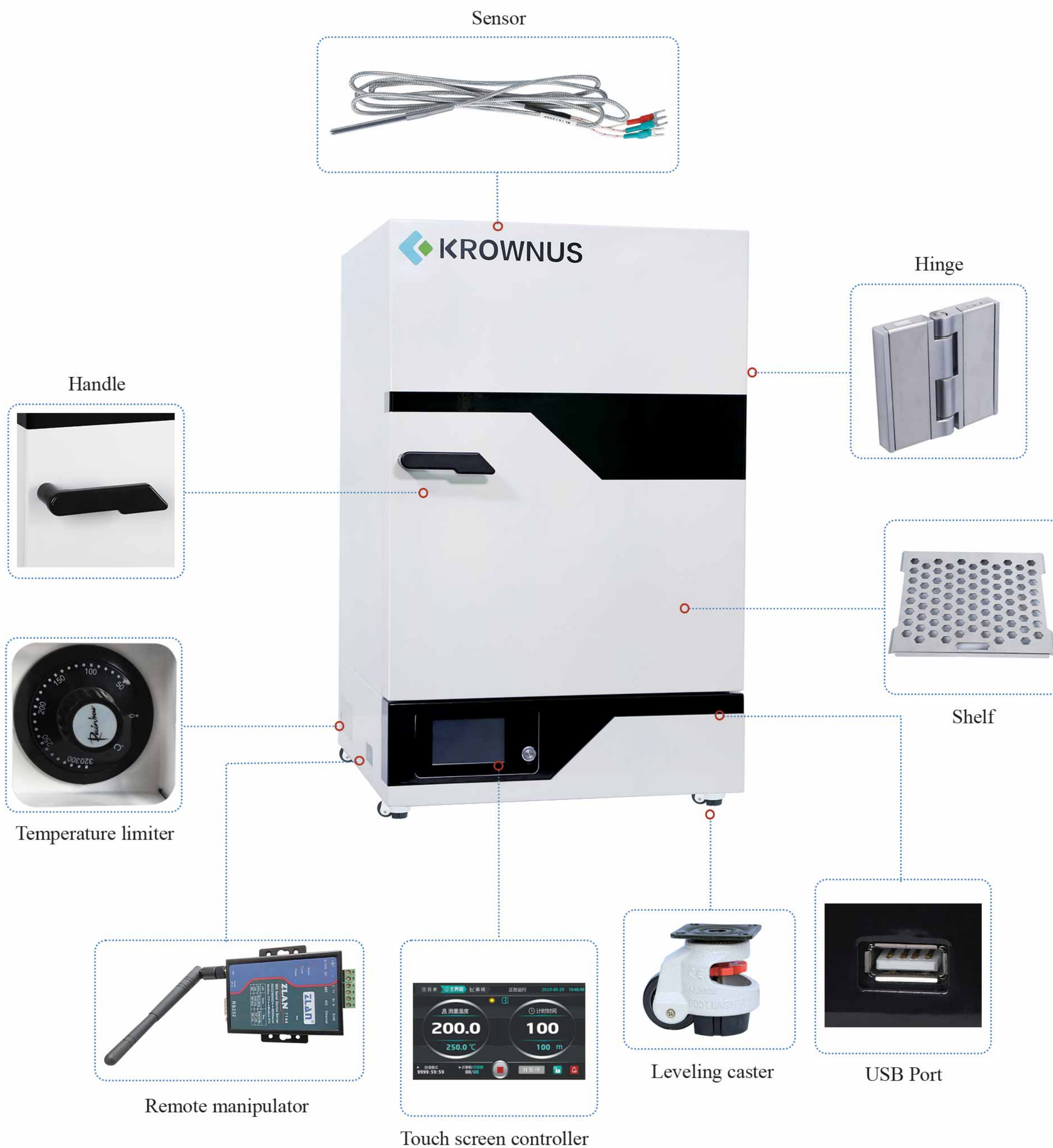
DRYER

CENTRIFUGE

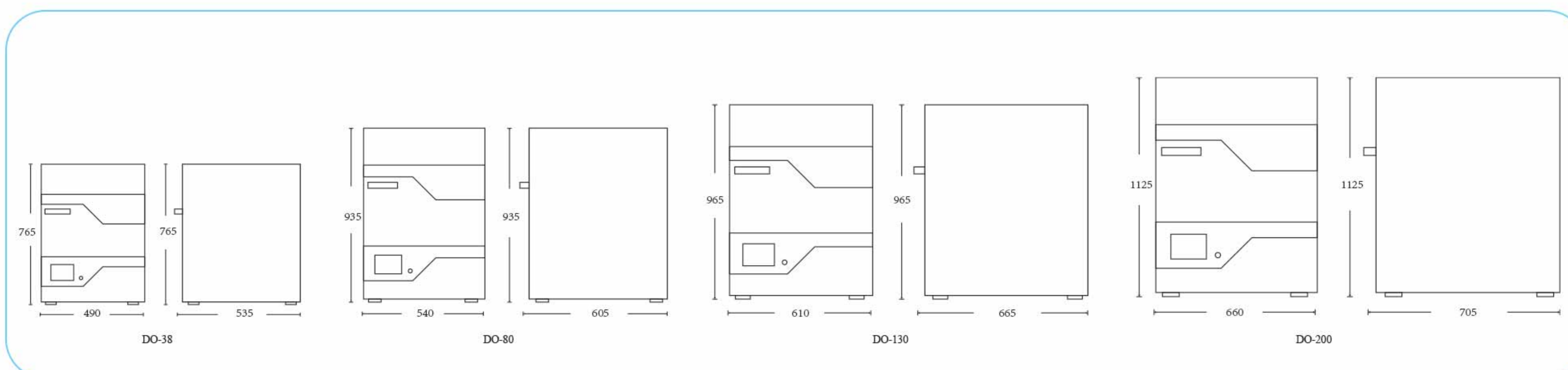
ELECTRIC FURNACE

LIFTING TABLE

LABORATORY CONSUMABLE



## Dimension(mm)



DRYING OVEN

The DO series Convection Air drying oven is suitable for factories and mining enterprises, colleges and universities, scientific research institutions and other industries laboratory for drying, baking, sterilization and other use.

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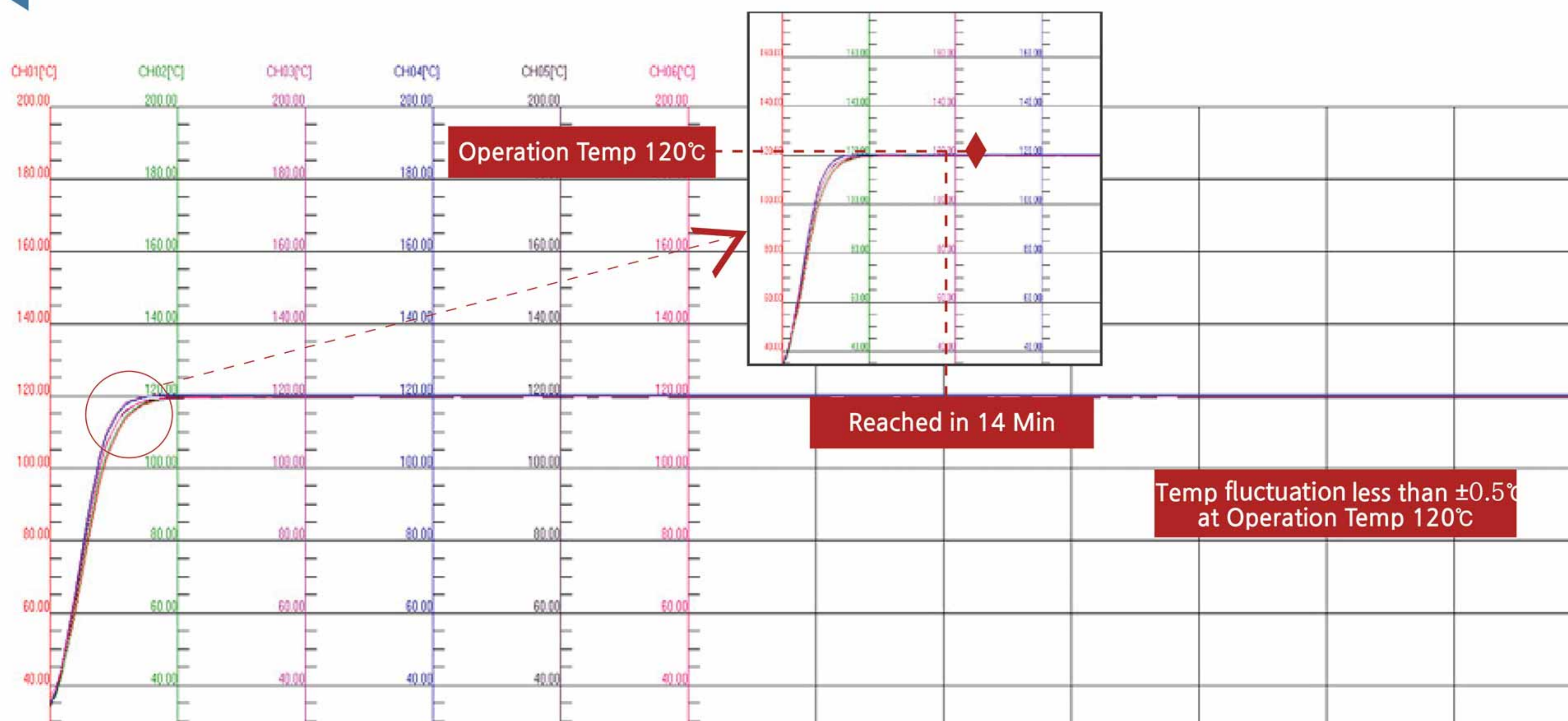
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Temperature Fluctuation Sheet:



Characteristics:

- High power air centrifuge
- Microprocessor control system
- LCD digital liquid crystal display
- Touch setting mode
- Temperature control accuracy: 0.1°C
- Temperature fluctuation  $\leq 0.5^\circ\text{C}$
- Independent temperature protection system
- Multifunctional programming system
- The fan speed is adjustable
- Timing function: power on and off
- Program running timing range 0-9999 minutes

DRYING OVEN

### Summary of use:

The DO series Convection Air drying oven adopts high-power air centrifugal fan to effectively solve the smoke in the chamber. In the case of full load in the chamber, it can also effectively solve the situation of uneven temperature.

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### Major Technical Parameters:

WATER BATH & OIL BATH

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Model	DO-38	DO-80	DO-130	DO-200
Air Circulation type	Convection Air			
Temp. Range	RT+5-300°C			
Temp. Accuracy	0.1°C			
Temp. Fluctuation	±0.5°C			
Temp. Uniformity	±2.5%			
Inner Chamber	Mirror stainless steel			
Outer Shell	Cold rolling steel with Powder Heating Coated			
Insulation layer	High quality rock wool board			
Heater	Stainless steel heating pipe			
Voltage	AC100-240V 50Hz			
Heating Power	1.6kw	2.3kw	2.3kw	3kw
Exhaust Hole	Φ36mm			
Temp. Controller Mode	Microprocessor PID controller			
Temp. Setting Mode	Touch screen			
Timer	0-9999min			
Operation Function	Auto tuning function, Offset value setting, Timing function			
Specification	LCD programmable touch screen controller, Independent temperature limiter, Air velocity regulator, High power air centrifuge, Programmable timer, USB port			
Sensor	PT100			
Safety Device	Independent temperature limiter, Independent timer: Automatic power on and power off			
IP Grade	IP20			
Size of inner chamber(W*D*H)(mm)	350*310*360	400*380*530	470*440*560	520*480*720
Capacity	38L	80L	115L	180L
Max Shelf number(Standard 2pcs)	6	7	8	10
Shelf load	30KGS	30KGS	40KGS	60KGS
Optional	485 port, Printer port			