KOLVA-S Series Dual Climatic Thermostatic Chamber

LCD Touch Screen

Download Catalogue

Temperature

High temperature uniformity with full colour smart touch screen display with beck light

Forced Air Circulation

Programming

30 Segments Program Control - optoinal

High Temperature Uniformity

Parameter Control by Wi-Fi

.. Optional control working parameter by Smart Phone

Product Introduction:

This product is ideal for environmental protection, health disease control, drug testing, agriculture, livestock, aquaculture, and laboratories in colleges, universities, and other research and production units. It serves as a standard constant temperature equipment for water analysis, BOD determination, as well as the cultivation and preservation of bacteria, molds, microorganisms, plant growth, breeding experiments, and more.

Features:

- Dual temperature and dual control function, comprising two separate chamber.
- Freely adjustable shelf height. Includes casters that are removable and lockable for effortless mobility.
- Compact doors without glass
- Independent microcomputer fuzzy PID control systems for both upper and lower layers, ensuring high temperature control precision and stable operation.
- Features a large LCD Touch Screen Smart Display with back light.
- High-quality mirrored stainless-steel interior.
- Fluorine-free, high-efficiency refrigeration system that is environmentally friendly, energy-saving, and equipped with a dust-proof filter for easy maintenance.
- Unique centrifugal fan for air circulation.
- High-quality magnetic strip for door sealing.
- Over-temperature alarm and parameter memory functions.
- A 30mm test hole on the left side of the cabinet.
- Interior LED lighting for enhanced visibility.
- Ultraviolet sterilization feature.
- Step less speed adjustment for air circulation within the chamber.
- USB communication port

Incubator Type	KOLVA-SL150	KOLVA-SL250	KPLVA-HL150	KOLVA-HL250
Single chamber volume	150L	250L	150L	250L
Unit total volume	300L	500L	300L	500L
Temperature range	+3°C～40°C	+3°C～40°C	+3°C～70°C	+3°C～70°C
Air Circulation	Forced Air Circulation (Convection)			
Temperature resolution	0,1°C			
Temperature uniformity	1°C			
Temperature motion	High Temp. : ±0.3℃			
Display type	Intelligent large screen colour LCD touch screen with backlight			
Temperature control mode	Two temperature section PID intelligent, sensor deviation correction, self tuning,			
Timer	0-9999min with timing wait function			
Test hole	Ø30mm			
Housing	Cold rolling steel with electro static spraying exterior, graphite coating			
Temperature sensor	Pt100 A class			
Built in UV germicidal lamp	Yes			
Inner chamber LED light	Yes			
Auto fan speed regulation	Yes			
Self diagnostic function	Yes			
Independent temperature safety	Yes			
Operation function	Temperature settings, timing function, auto stop, internal parameter locking, temperature correction, auto tuning, parameter memory in the case of electrical cut off, over temperature sound and light alarm			
Standard shelf number	Stainless Steel Wire Shelving in 2 chamber x 3			
Load per shelf (max)	15kg			
Voltage	220V/50-60Hz			
Inner chamber size W*L*H mm	60x420x600	600x510x700	600x420x600	600x510x700
NV/GV kg				
Standard Temperature Certificate (optional)	At 40°C in the chamber centre Issued by COLO technical service			
Temperature certificate (optional)	One or multi point temp, mapping, issued by accredited laboratory			
Optional accessories	Shelf, RS485 interface, Printer, Program Temperature Control device, Remote control, Wi-Fi remote control, Temperature Controller with ramp settings, Smart Phone, temperature loger, Certificate calibration acc ISO17255…			

COLO Lab Experts
Polje ob Sotli 4
SI-3255 Slovenia
www.colo.si