



Precision Calibration Temperature Tester



K7500-150A portable Dry block temperature furnace Dry well furnace

(JK7500-450A/JK7500-650A/JK7500-150A/JK7500-1200A)

Product introduction:

Dry well furnace is also known as dry well, dry well furnace, dry measuring furnace, temperature measuring furnace, temperature calibrator, dry body temperature calibration furnace. The dry well furnace is a very traditional on-site heat source (temperature field) that is easy to carry, with fast heating and cooling speed. The dry well furnace adopts a highly stable temperature controller, which is easy to carry and does not need to place liquid. Dry calibration furnace reaches the predetermined temperature point and the temperature stabilization time is 5 to 10 times faster than the constant temperature bath, which can greatly save the time of the calibration personnel and improve the temperature verification speed. The portability of the dry calibration furnace allows it to perform calibration work on site, thereby solving the difficulty in transportation and movement of the thermostatic bath.

The soaking block adopts the alloy material with good thermal conductivity. It is technically synchronized with advanced technologies at home and abroad, and is at an advanced level in terms of insertion depth, horizontal temperature field, and vertical temperature field. Used within the required temperature range, it is widely used in pharmaceuticals (GMP wet heat sterilization, dry heat sterilization), machinery, ships, chemicals, biological products, power plant substations, steel plants, measurement testing, scientific research, etc., of which these industries that require on-site temperature calibration.

Performance characteristics:

- High-performance intelligent thermostat with LCD touch screen.
- Wide temperature range, to meet most process applications.
- JK7500-450A: 50°C~450°C; JK7500-650A: 50°C~650°C; JK7500-150A: -30°C~150°C; JK7500-1200A: 300°C~1200°C
- Excellent display accuracy: 0.01 level.
- The temperature block is made of alloy material with good thermal conductivity.
- Small size, fast heating, stable temperature control, no pollution, easy to carry, widely used in machinery, ship, building, chemical, food, power, pharmaceutical and other industries.
- Multi-aperture temperature measurement configuration to meet various needs.
- Synchronize advanced technology at home and abroad.

Model	JK7500-450A	JK7500-650A	JK7500-1200A	JK7500-150A
Temperature Range	50°C~450°C	50°C~650°C	300°C~1200°C	-30°C~150°C
Temperature Source	Heating wire			Ceramic heating plate
Cold source				Cooling plate
Display Accuracy	±0.1°C (Full temperature range)			
Stability	±0.1°C		≤±0.3°C	≤±0.02°C
vertical temperature field	Within 30mm from the bottom of the hole ≤±0.2°C		10mm≤0.1°C	Within 30mm from the bottom of the hole ≤±0.2°C
Horizontal temperature field	±0.05°C (Full temperature range)		≤±0.3°C	±0.05°C (Full temperature range)
Well deep	150mm		185mm	160mm
Diameter of uniform temperature block	32mm		38mm	32mm
Calibration hole diameter	Standard: 6mm, 8mm, 10mm, 12mm (can be customized)			
Calibration quantity	4 (can be customized)			
Resolution	0.01°C			
Display	LCD °C or °F			
Control way	Touch screen, automatically adjust power and temperature difference			
Heating time	35°C→450°C: 20min		300°C→1200°C:250 min	25°C→150°C: 15min
Cooling time	450°C→35°C: 35min 450°C→100°C: 25min		1200°C→800°C:30min	25°C→0°C: 15 min 0°C→ -20°C:

800°C→300°C:	15min
70min	-20°C→ -25°C:
300°C→50°C:	25min
180min	

Dimension	330*165*320mm		
Weight	10kgs		
Power supply	230VAC±10 10A	230VAC±10 15A	230VAC±10 10A
Calibration point	-20°C, 0°C, 20°C, 50°C, 100°C, 150°C, 250°C, 350°C, 450°C, 650°C, 1200°C (Reference model)		
Work condition	15°C~60°C, 80%RH		
Accessories	Temperature block (aperture 12/10/8/6mm), power cord, high temperature cotton		

- ① Other temperature range should be stated while place order.
 - ② -30°C ~ 150°C low temperature type standard with 4 holes, respectively Φ6mm, Φ8mm, Φ10mm, Φ12mm
 - 50°C ~ 650°C medium temperature standard with 4 holes, respectively Φ6mm, Φ8mm, Φ10mm, Φ12mm
 - 300°C ~ 1200°C high temperature standard for 4 holes, respectively Φ6mm, Φ8mm, Φ10mm, Φ12mm
- Special specification aperture can be customized, need to be stated while place order.