

# DRY TYPE TEMPERATURE CALIBRATION FURNACE

CKT3800 SERIES DRY BLOCK TEMPERATURE CALIBRATOR

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## BRIEF INTRODUCTION

CKT3800 series dry type temperature calibration furnace is easy to carry and easy to use. It is used in fast and reliable temperature calibration and is widely used in machinery, chemical, food, pharmaceutical and other industries. At present, the existing field dry-type calibration furnaces have problems of slow heating and slow constant temperature, which causes users to take long time for each calibration. Our latest dry well furnaces adopts the most advanced heating principle design, featuring fast heating, fast constant temperature and fast cooling, which greatly improves the existing calibration efficiency. Through reliable high-precision temperature control circuits and high-precision sensors, the accuracy is higher than that of other domestic manufacturers, and the technology has reached international standards.

## STANDARD ACCESSORIES



Power cord

## FEATURES:

- Featuring fast heating
- Fast constant temperature
- Fast cooling
- Easy to carry and easy to use

## SPECIFICATION:

| SPECIFICATIONS              |  |                              |                             |                             |                   |
|-----------------------------|--|------------------------------|-----------------------------|-----------------------------|-------------------|
|                             | Dry Type Temperature Calibration Furnace   |                              |                             |                             |                   |
| Model                       | CKT3800-150A   | CKT3800-150B                 | CKT3800-400                 | CKT3800-650                 | CKT3800-1200      |
| Temperature Unit            | °C/°F  |                              |                             |                             |                   |
| Temperature Range           | -20°C~150°C  | -30°C~150°C                  | 50°C~400°C                  | 50°C~650°C                  | 300°C~1200°C      |
| Control Accuracy            | 0.1%   |                              |                             |                             |                   |
| Display Resolution          | 0.01°C   |                              |                             |                             |                   |
| Temperature Rise Speed      | 30~100:20min<br>30~150:40min   | 30~100:20min<br>30~150:40min | 30~300:7min<br>30~400:12min | 30~300:7min<br>30~600:25min | 30~1200:<br>75min |
| Display Basic Accuracy      | ≤±0.2°C  | ≤±0.2°C                      | ≤±0.35°C                    | ≤±0.5°C                     | ≤±1.2°C           |
| Control Method              | Touch screen   |                              |                             |                             |                   |
| Temperature Field Stability | ≤±0.02°C   |                              | ≤±0.05°C                    |                             | ≤±0.2°C           |
| Vertical Temperature Field  | Deviation is   < 1°C   within 30mm from bottom of soaking block hole                           |                              |                             |                             |                   |
| Insertion Depth             | 165mm  |                              | 150mm                       |                             | 135mm             |
| Soaking Heat Block Diameter | 30mm   |                              |                             |                             | 40mm              |
| Maximum Power               | 500W   | 500W                         | 800W                        | 800W                        | 3000W             |
| Net Weight (Approx.)        | 12kg   | 15kg                         | 11kg                        | 11kg                        | 12kg              |
| Dimension (mm)              | 310*190*340  | 310*190*340                  | 250*150*310                 | 250*150*310                 | 310*190*340       |
| Operating Environment       | Environment Temperature is 0~50°C、relative humidity≤95% （No condensation）                      |                              |                             |                             |                   |
| Power Supply                | 220VAC±10%、 45~60Hz  |                              |                             |                             |                   |
| Optional Function           | Data logging and data exporting, maximum 250 sensors, 2500 data, USB Device communication port |                              |                             |                             |                   |

1. Before order, please indicate temperature range if it is different from the above table
2. Standard configuration for 50°C~400°C and 50°C~650°C are 3 holes, they are  $\phi 8$ 、 $\phi 10$ 、 $\phi 12$ mm
3. -20°C~150°C and 300°C~1200°C standard configuration are 4 holes, they are  $\phi 6$ 、 $\phi 8$ 、 $\phi 10$ 、 $\phi 12$ mm
4. Standard configuration holes for -30°C~150°C are  $\phi 6$ 、 $\phi 8$ 、 $\phi 8$ 、 $\phi 10$ mm