

# CAHO



## DIGITAL TEMPERATURE CONTROLLER SERIES



**D961 SERIES**  
DIGITAL TEMPERATURE CONTROL



**DTS961 SERIES**  
WITH STEAM FUNCTION



**DT961 SERIES**  
DIGITAL CONTROL WITH TIMER

# D961 - DIGITAL TEMPERATURE CONTROLLER



**D961 SERIES**  
DIGITAL TEMPERATURE CONTROLLER



## WHY USE D961 TEMPERATURE CONTROLLER?

D961 model is a digital equivalent of our SR-T901 conventional temperature controller.

Several improvements and added functions has been made to this unit to take your baking experience to the next level.

## MAIN FEATURE:



Extensive digital screen display



Selectable HEAT/COOL function



Soft touch button for easy temperature setting



Can suit 2 alarms to make applications more flexible



Uses proportional control to stabilize heat



Automatic temperature compensation



# D961 SERIES



# COMPARISON

## WIRING DIAGRAM (接線):



## FRONT PANEL ATTRIBUTES (面板特性):

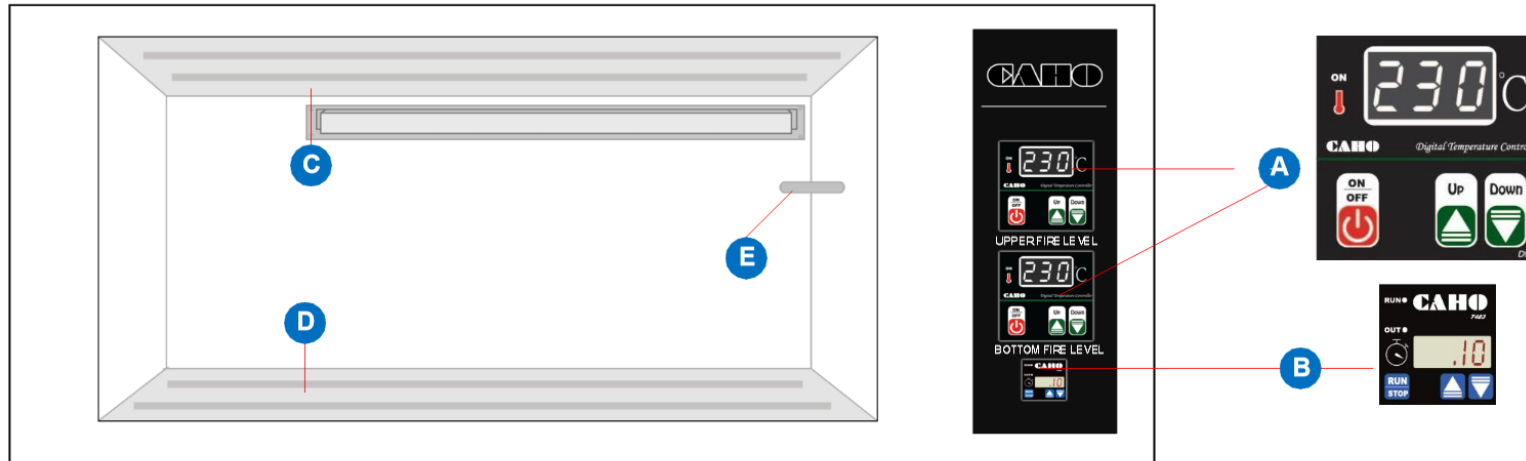
EXTENSIVE DIGITAL SCREEN DISPLAY WITH ELEGANT DESIGN.  
超大屏幕設計，美觀大方

ACCESSIBLE ON/OFF FUNCTION TO FACILITATE OPERATION.  
ON/OFF開關功能，方便操作

IMPROVED PUSH BUTTON NAVIGATION KEYS FOR QUICK AND ACCURATE TEMPERATURE SETTING.  
上下鍵修改溫度，加快設定速度

**Power Supply :** AC 110V/220V, ±10%  
**Input :** K, J, Pt100Ω(DIN), R  
**Output :** RELAY(250V/5A), DC24V for SSR drive, 4-20mA  
**Control mode :** ON/OFF, P, PD  
**Proportional Band :** 3% full Scale  
**Cycle Time :** RELAY(16sec.), SSR(2Sec.)  
**Accuracy :** ±0.3% Full Scale  
**Ambient Temperature :** -10~55°C, below 90% humidity  
**Power Consumption :** RELAY(6W), SSR(5W)  
**Input Impedance :** 20M ohm 500V DC  
**High/Low Alarm :** ±10% full Scale Adjustable

**Power Supply :** AC 85V~260V, 50/60HZ  
**Input :** K type, J type  
**Output :** RELAY(250V/3A), DC24V, DC linear...  
**Control :** P, ON/OFF  
**P Band :** 0%~100% full Scale  
**Cycle Time :** 0~100 Sec.  
**Accuracy :** ±0.3% full Scale  
**Ambient Temperature :** -10 °C~55 °C, below 90% humidity  
**Power Consumption :** Less than 5VA  
**Input Impedance :** 20M ohm 500V DC  
**Alarm mode :** 4 alarm modes



**DESCRIPTION:**

- A - DIGITAL CONTROLLER (D961)
- B - TIMER RELAY (T483)
- C - UPPER FIRE LEVEL
- D - BOTTOM FIRE LEVEL
- E - TEMPERATURE SENSOR PROBE

**EXPLANATION:**

This option consists of 2x D961 series controllers installed. Since this controller has no timer built-in, additional timer relay can be installed.

No steam function is present to this option.

# DT961 - DIGITAL TEMPERATURE CONTROLLER with TIMER



## WHY USE DT961 TEMPERATURE CONTROLLER?

DT961 model is a type of controller with timer built-in.

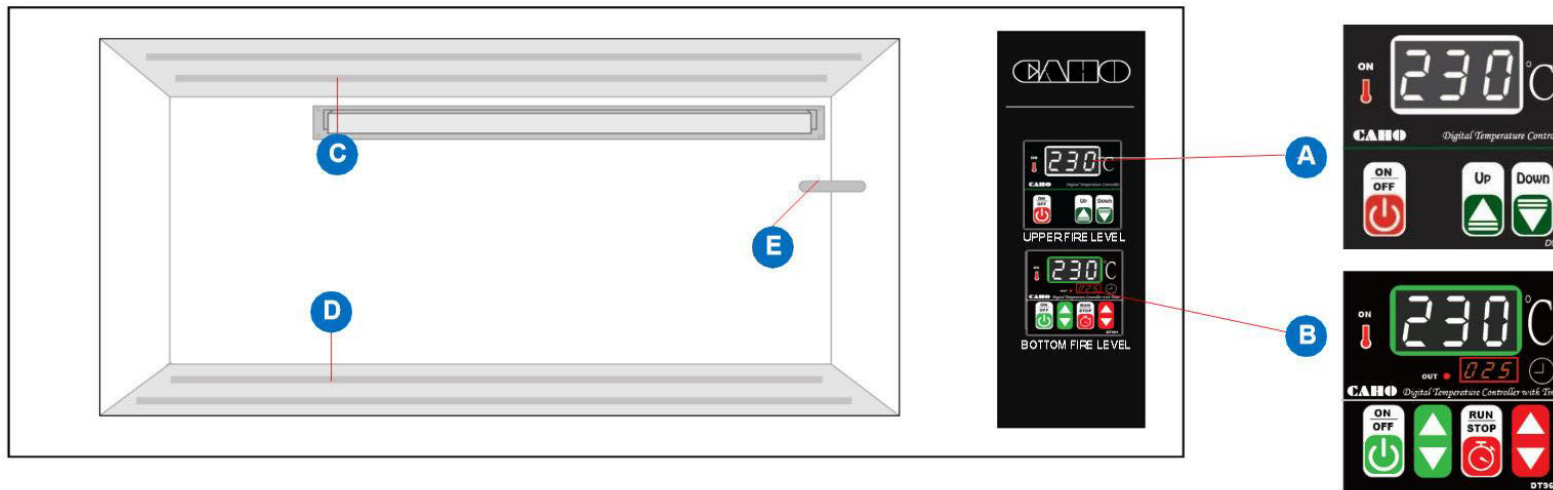
It helps maximize the performance by having all the required instrument grouped into 1 unit.

### SPECIAL FEATURE:



CONTROLS TEMPERATURE AND ENABLE YOU TO SET TIME USING ONLY 1 CONTROLLER.





**DESCRIPTION:**

- A - DIGITAL CONTROLLER (D961)
- B - DIGITAL CONTROLLER (DT961)
- C - UPPER FIRE LEVEL
- D - BOTTOM FIRE LEVEL
- E - TEMPERATURE SENSOR PROBE

**EXPLANATION:**

This option allows the user maximize the space provided to their equipment by replacing a more functional controller unit which has the capability to perform all the functions needed.

No steam function is present to this option.



## MAIN PRODUCTS

### 產品介紹

1. MICROPROCESSOR CONTROLLER  
微電腦溫度控制器
2. MICROPROCESSOR PROGRAM CONTROLLER 程式控制器
3. TEMPERATURE CONTROLLER  
溫度控制器
4. TIMER RELAY 計時器
5. SOLID STATE RELAY 固態繼電器
6. SCR POWER REGULATOR  
相位電力控制器
7. TEMPERATURE SENSOR, WIRES ACCESSORIES 感溫棒, 組件

#### OTHER PRODUCTS INCLUDE:

BIMETAL THERMOMETER  
雙金屬溫度計



**CAHO**  
A NAME YOU CAN RELY ON

Thank you for showing your great interest to our products.

We look forward to servicing you soon to any of your future requirements.

And if you have any concerns and or need more information, please do not hesitate to contact us.