

Cat. No	Description	Articles
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**DAIHAN-brand® Programmable Tube Furnaces “FT-series”, Embedded Heating Elements-type, 1000 °C with Digital PID Programmable Control, 1- or 3-Heating Zone,  $\phi$  3~ $\phi$  14cm Tubes, 1,000 °C 프로그램식 튜브 전기로**



(1) Programmable Tube Furnace, 1 Heating Zone “FT-860”



Side Figure of “FT-860”



(a) 1000 °C Heat-resistant Gloves (Optional)

- Made in Korea ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System

\* Digital PID Programmable Controller : 3 Patterns with 16 Segments \* Resolution : 1 °C, 1min  
 \* Designed for Ash-Determinations, Horizontal Application, Protective Gas Atmosphere  
 \* Programmable Timer : 99hr 59min \* Available Order Various Size Tubes, Without Working Tube

**Specifications & Ordering information**

Model	“FT-series” 1- or 3-Heating Zone						
Temp. Range & Heater	300 °C ~ 1000 °C, Kantal A1, Embedded Wire Heating Elements						
Thermocouple & Display	K-type Thermocouple, LED						
Safety Circuit	Over-Temp./-Current protection, Sensor Error Detection						
Material	Ceramic Fiber with Heating Wire-Internal, Powder Coated steel-External						
(1) 1Heating Zone Models	“FT-830”	“FT-860”	“FT-1230”	“FT-1260”	“FT-1630”	“FT-1660”	
Heating Zone	1 × Heating Zone						
Available Tube Size(cm)	$\phi$ 8×L30	$\phi$ 8×L60	$\phi$ 12×L30	$\phi$ 12×L60	$\phi$ 16×L30	$\phi$ 16×L60	
Heating Power	1.8 kW	3.2 kW	2.2 kW	4.5 kW	3.2 kW	6.2 kW	
Heat-up Time(to 800 °C)	17 min	20 min	18 min	22 min	20 min	25 min	
Dimension (w × d × h cm)	40×28×44	70×28×44	40×34×50	70×34×50	40×40×56	70×40×56	
Controller	1 × Programmable PID Controller : 3 Patterns 16 Segments						
Cat. No.	230V	DH.WFT12.0830	DH.WFT12.0860	DH.WFT12.1230	DH.WFT12.1260	DH.WFT12.1630	DH.WFT12.1660
	120V	DH.WFT11.0830	DH.WFT11.0860	DH.WFT11.1230	DH.WFT11.1260	DH.WFT11.1630	DH.WFT11.1660
Price, Each. ₩							
(2) 3Heating Zone Models	“FT-3860”		“FT-31260”		“FT-31660”		
Heating Zone	3 × Heating Zone						
Available Tube Size(cm)	$\phi$ 8 × (3 × L20cm)		$\phi$ 12 × (3 × L20cm)		$\phi$ 16 × (3 × L20cm)		
Heating Power	3.3 kW		4.8 kW		6.6 kW		
Heat-up Time(to 800 °C)	20 min		22 min		25 min		
Dimension (w × d × h cm)	70 × 28 × h44 cm		70 × 34 × h50 cm		70 × 40 × h56 cm		
Controller	Independent 3 × Programmable PID Controller : 3 Patterns 16 Segments						
Cat. No.	230V	DH.WFT12.860.3		DH.WFT12.1260.3		DH.WFT12.1660.3	
	120V	DH.WFT11.860.3		DH.WFT11.1260.3		DH.WFT11.1660.3	
Price, Each. ₩							

\* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 20,000 별도!  
 \* Tubes Size & Other Specifications are available upon Customer's Request

**Optional Gloves**

- AS1.7896.01 (a) Gloves, Heat Resistant, 1000 °C, 1Pair, L450 mm
- AS1.7896.02 , L350 mm

Ea. Price, ₩

**DAIHAN-brand® Zirconia Sintering Furnace “FH-Z2”, 1,600-/1,550-/1,500-/1,450-°C, 5-/10-/14-hours, 2Lit with PID Control, LCD display, 2 Trays, Heating Elements 4-pieces, 지르코니아 소결 전기로, 개별 분리형**



Zirconia Furnace “FH-Z2”

- Made in Korea ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System

\* Independently Super Kanthal Heating Elements \* Durability Superior Burning Chamber  
 \* Built in Automatic Voltage Regulator(AVR)

Model	“FH-Z2”
Temperature Range	1,600-/1,550-/1,500-/1,450- °C
Capacity	2Lit.(2 Trays)
Timer	5-/10-/14-Hours
Heating Elements / Temp. Sensor	Independently 4-Pieces(Mos12) / B-type Temp. Sensor
Material / Insulation	Powder-coated Steel / Ceramic & BTU-board
Dimension / Weight	380 × 510 × 943 mm / 80 kg
Electric Reqts. / Power Consumption	1 Phase AC 230V, 50/60Hz / 2 kW
Cat. No.	230V
Price, Each. ₩	DH.FurZ0002

\* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 20,000 별도!