

DAIHAN® Programmable Tube Furnaces "FT-series", Embedded Heating Elements-type, 1,000 °C
 With Digital PID Programmable Control, 1- or 3-Heating Zone, $\phi 3 \sim \phi 14$ cm Tubes, 1,000 °C 프로그램식 튜브 전기로



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



Side Figure of "FT-860"



(a) Heat-resistant Glove (800 °C)



(b) Heat-resistant Glove (1,000 °C)

- **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
- * Designed for Ash-Determinations, Horizontal Application, Protective Gas Atmosphere
- * Available Order Various Size Tubes, Without Working Tube
- * Programmable Timer : 99hr 59min
- * Resolution : 1 °C, 1min

Specifications & Ordering information

Model	"FT-series" 1- or 3-Heating Zone						
Temp. Range & Heater	300 °C ~ 1,000 °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 Model	"FT-830"	"FT-860"	"FT-1230"	"FT-1260"	"FT-1630"	"FT-1660"	
Heating Zone	1 × Heating Zone						
	$\phi 8 \times L30$	$\phi 8 \times L60$	$\phi 12 \times L30$	$\phi 12 \times L60$	$\phi 16 \times L30$	$\phi 16 \times L60$	
Available Tube Size(cm)	$\phi 3 \sim \phi 6$ cm		$\phi 7 \sim \phi 10$ cm		$\phi 10 \sim \phi 14$ cm		
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

(2) 3Heating Zone Model	"FT-3860"	"FT-31260"	"FT-31660"	
Heating Zone	3 × Heating Zone			
	$\phi 8 \times (3 \times L20$ cm)	$\phi 12 \times (3 \times L20$ cm)	$\phi 16 \times (3 \times L20$ cm)	
Available Tube Size(cm)	$\phi 3 \sim \phi 6$ cm	$\phi 7 \sim \phi 10$ cm	$\phi 10 \sim \phi 14$ cm	
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

- * Other Specifications are available upon Customer's Request.
- * Tubes Size & Other Specifications are available upon Customer's Request

Optional Glove

- K9.26592 (a) Glove, Heat Resistant, 800 °C , 1Pair, L330 mm
- AS1.7896.01 (b) , 1,000 °C, 1Pair, L450 mm
- AS1.7896.02 , L350 mm