

“DAIHAN” **WiseTherm® FT** Programmable Tube Furnaces, Embedded Heating Elements-type, 1000 °C with Digital PID Programmable Control, Short Heat-up Time, Ceramic Fiber, 1- or 3-Heating Zone,  $\phi 3\sim\phi 14$ cm Tubes  
 1,000 °C 프로그램식 튜브 전기로, 디지털 PID 컨트롤 시스템, 프로그램 기능,

2-Year Warranty



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

- Digital PID Programmable Controller : 3 Patterns with 16 Segments
- PL (Product Liability) Insurance

- \* Designed for Ash-Determinations, Horizontal Application, Protective Gas Atmosphere
- \* User's Self-Compensation Function for Temperature ( $\pm 50^\circ\text{C}$ )
- \* Programmable Timer : 99 hr 59 min \* Ceramic Fiber embedded Heating Elements
- \* Available Various Size Tubes, Without Working Tube \* Resolution :  $1^\circ\text{C}$ , 1min
- \* 3 Independent Digital PID Controller(Only 3 Heating Zone Models)

Specification

Models	“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	1.4 kW	2.2 kW	1.6 kW	3.4 kW	2.2 kW	4.6 kW
Required time to be reached 800°C	17 min	20 min	18 min	22 min	20 min	25 min
Dimension (w x d x h)	1 × Programmable PID Controller : 3 Patterns 16 Segments					
	External (cm)	40×28×44	70×28×44	40×34×50	70×34×50	40×40×56
Controller	1 × Programmable PID Controller : 3 Patterns 16 Segments					
Models	“FT-3860”	“FT-31260”	“FT-31660”			
Heating Zone	3 × Heating Zone					
	$\phi 8 \times (3 \times L20\text{cm})$	$\phi 12 \times (3 \times L20\text{cm})$	$\phi 16 \times (3 \times L20\text{cm})$			
Available Tube Size(cm)	$\phi 3\sim\phi 6$ cm		$\phi 7\sim\phi 10$ cm		$\phi 10\sim\phi 14$ cm	
Heating Power	2.2 kW		3.4 kW		4.6 kW	
Required time to be reached 800°C	20 min		22 min		25 min	
Dimension (w x d x h)	3 × Programmable PID Controller : 3 Patterns 16 Segments					
	External (cm)	70×28×h44 cm		70×34×h50 cm		70×40×h56 cm
Temp. Range & Heater	300 °C ~ 1000 °C, Kantal A1, Embedded Wire Heating Elements					
Thermocouple & Display	K-type Thermocouple, LED Display					
Safety Circuit	Over-Temp./-Current protection, Sensor Error Detection					
Material	Ceramic Fiber with Heating Wire-Internal, Powder Coated Steel-External Ceramic Fiber-Insulation					
Power Supply & Cord/Plug*	1 Phase, AC 120 V, 60 Hz or 230 V, 50 / 60 Hz, with Power Cord / Plug					

\* Other Specifications are available upon Customer's Request.

Ordering Information

※ 운임 약 ₩ 20,000 별도!

1 × Heating Zone Programmable Tube Furnace, 1000 °C

	Ea. Price, ₩
DH.WFT12.0830 Tube Furnace, 230V, “FT-830”, L30cm, for $\phi 3\sim\phi 6$ cm Tube	1,800,880
DH.WFT12.0860 , “FT-860”, L60cm, for $\phi 3\sim\phi 6$ cm Tube	2,540,670
DH.WFT12.1230 , “FT-1230”, L30cm, for $\phi 7\sim\phi 10$ cm Tube	2,054,520
DH.WFT12.1260 , “FT-1260”, L60cm, for $\phi 7\sim\phi 10$ cm Tube	2,963,400
DH.WFT12.1630 , “FT-1630”, L30cm, for $\phi 10\sim\phi 14$ cm Tube	2,434,990
DH.WFT12.1660 , “FT-1660”, L60cm, for $\phi 10\sim\phi 14$ cm Tube	3,597,520
DH.WFT11.0830 Tube Furnace, 120V, “FT-830”, L30cm, for $\phi 3\sim\phi 6$ cm Tube	1,800,880
DH.WFT11.0860 , “FT-860”, L60cm, for $\phi 3\sim\phi 6$ cm Tube	2,540,670
DH.WFT11.1230 , “FT-1230”, L30cm, for $\phi 7\sim\phi 10$ cm Tube	2,054,520
DH.WFT11.1260 , “FT-1260”, L60cm, for $\phi 7\sim\phi 10$ cm Tube	2,963,400
DH.WFT11.1630 , “FT-1630”, L30cm, for $\phi 10\sim\phi 14$ cm Tube	2,434,990
DH.WFT11.1660 , “FT-1660”, L60cm, for $\phi 10\sim\phi 14$ cm Tube	3,597,520

3 × Heating Zone(3 × L20cm) Programmable Tube Furnace, 1000 °C

	Ea. Price, ₩
DH.WFT12.860.3 Tube Furnace, 230V, “FT-3860”, for $\phi 3\sim\phi 6$ cm Tube	3,174,780
DH.WFT12.1260.3 , “FT-31260”, for $\phi 7\sim\phi 10$ cm Tube	3,597,520
DH.WFT12.1660.3 , “FT-31660”, for $\phi 10\sim\phi 14$ cm Tube	4,231,630
DH.WFT11.860.3 Tube Furnace, 120V, “FT-3860”, for $\phi 3\sim\phi 6$ cm Tube	3,174,780
DH.WFT11.1260.3 , “FT-31260”, for $\phi 7\sim\phi 10$ cm Tube	3,597,520
DH.WFT11.1660.3 , “FT-31660”, for $\phi 10\sim\phi 14$ cm Tube	4,231,630

Optional Glove

	Ea. Price, ₩
NA.491041101 (1) Gloves , Heat-resistant, 900 °C, Flexible & Long Sleeve	Pair 303,600



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

2-Year Warranty



Side Figure of Programmable Tube Furnace, 1 Heating Zone “FT-860”



(1) Heat-resistant Gloves (Optional)