

| Cat. No | Description | Articles |
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DAIHAN-brand® 1,000 °C Programmable Digital Muffle Furnaces “FX”, Exposed Heating Elements-type with Digital PID Control, Short Heat-up Time, Ceramic Fiber, 4-Side Heating, with Ceramic Fiber Plate, 3~63 Lit
 디지털 전기로, 디지털 PID 컨트롤 시스템, 4면 가열 방식, 히터 노출형



2-Year Warranty

1000 °C Digital Muffle Furnace, Exposed Heating Elements-type “FX-14”

- Made in Korea ■ CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Patented Jog-Shuttle Control System and Digital LCD with Back-Light Function
- Digital PID Programmable Controller : 4 Patterns with 10 Segments
- * Designed for Ash-Determinations, Enameling, Fusions, Precipitate Drying
- * User's Self-Compensation Function for Temperature (± 50 °C) * Resolution : 1 °C, 1min
- * Safety Switch for Door Opening * Ceramic Fiber exposed Heating Wire, 4-Side Heating

Specifications & Ordering information

| Spec. | Model | “FX-03” | “FX-05” | “FX-12” | “FX-14” | “FX-27” | “FX-63” |
|------------------------------------|---------------|--|----------|--|----------|----------|------------|
| Temp. Range | | 300 °C ~ 1000 °C | | | | | |
| Capacity | | 3 Lit. | 4.5 Lit. | 12 Lit. | 14 Lit. | 27 Lit. | 63 Lit. |
| Heater | | Kanthal A1, Expose Wire Heating Elements, 4-Side Heating | | | | | |
| Thermocouple | | K-type Thermocouple | | | | | |
| Heating Power | | 1.6 kW | 1.7 kW | 3.3 kW | 4.0 kW | 4.6 kW | 9 kW |
| Required time to be reached 800 °C | | 16 min | | 20 min | | 23 min | |
| Timer & Alarm | | 99hr 59min (Continuous run), Error status & Timer-end | | | | | |
| Display | | Digital LCD with Back-Light Function | | | | | |
| Controller | | Digital PID Controller with Jog-Dial Switch (Turn+Push) | | | | | |
| Program Function | | 4 Patterns with 10 Segments | | | | | |
| Safety Circuit | | Over-Temp./-Current protection, Sensor Error Detection Safety Switch for Door Opening | | | | | |
| Material | | Ceramic Fiber with Heating Wire-Internal, Powder Coated steel-External Ceramic Fiber-Insulation | | | | | |
| Dimension (w × d × h) | Internal (cm) | 13×25×9 | 15×30×10 | 20×30×20 | 25×35×16 | 30×30×30 | 40×40×40 |
| | External (cm) | 41×48×53 | 44×53×55 | 50×55×66 | 55×59×62 | 60×59×76 | 100×75×95 |
| Packing Size (w × d × h) (cm) | | 63×54×77 | 68×57×78 | 70×63×89 | 74×68×85 | 74×73×99 | 116×90×110 |
| Gross Weight | | 47 kg | 54 kg | 59 kg | 73 kg | 83 kg | 225 kg |
| Electrical Reqts. | | 1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz | | 1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase | | | |

| Cat. No. | 230V | DH.WF21.03 | DH.WF21.05 | DH.WF21.12 | DH.WF21.14 | DH.WF21.27 | DH.WF21.63 |
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| | 120V | DH.WF20.03 | DH.WF20.05 | DH.WF20.12 | DH.WF20.14 | DH.WF20.27 | DH.WF20.63 |
| | 3Phase | - | - | DH.WF23.12 | DH.WF23.14 | DH.WF23.27 | DH.WF23.63 |

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



2-Year Warranty

1000 °C Digital Muffle Furnace, Exposed Heating Elements-type “FX-63”

Spare Ceramic Fiber Plates

- DH.WF211.03 (1) Ceramic Fiber Plate, 120×215mm, “FS1103” for 3Lit.
- DH.WF211.05 , 140×265mm, “FS1105” for 4.5Lit.
- DH.WF211.12 , 190×265mm, “FS1112” for 12Lit.
- DH.WF211.14 , 240×310mm, “FS1114” for 14Lit.
- DH.WF211.27 , 280×280mm, “FS1127” for 27Lit.
- DH.WF211.63 , 400×400mm, “FS1163” for 63Lit.

| Ea. | Price, ₩ |
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Optional Gloves

- AS1.7896.01 (2) Gloves, Heat Resistant, 1000 °C, 1Pair, L450 mm
- AS1.7896.02 , L350 mm

| Ea. | Price, ₩ |
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Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Gloves