



## PRODUCT BULLETIN

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## Benchtop Furnace

Ceramic fiber insulation permits faster heat-up, reduces energy consumption. Embedded heating element on top and both sides improves temperature uniformity. Drop-down door doubles as a convenient shelf for loading and unloading. All models shipped complete with power cord.

Operation - A1: Digital single set point control. A single display shows actual temperature or set point.

Safety - Door safety switch protects operator by removing power to the heating elements upon opening the door.

Thermocouple break protection cuts power to the heating elements, prevents a thermocouple failure runaway condition. The rear of the chamber incorporates a 0.38" (0.95 cm) diameter port for monitoring chamber temperatures with independent measuring devices.

### Applications

Ashing most types of organic, inorganic samples  
Heat treating small steel parts  
Ignition tests  
Gravimetric analysis  
Determination of volatile and suspended solids



F1410 Benchtop Furnace

The maximum operating temperature is 1100°C

Type of furnace	Small Benchtop Muffle Furnace
Amps	6.3
Chamber Cubic Inches L	129 (2.1)
Chamber Dimensions D	6 (15.24)
Chamber Dimensions H	4.25 (10.8)
Chamber Dimensions W	5 (12.7)
Hertz	50/60
Operating Temp Range C	100-1100
Overall Dimensions D	15.8 (40)
Overall Dimensions H	14.5 (37)
Overall Dimensions W	10 (25)
Product Line	Thermolyne
Shipping Weight LK	28 (12.7)
Stability at 1000	±0.5°C
Sub Product Group Id	95
Temp Control Group	A1
Uniformity at 1000	±5.0°C
Volts	240
Watts	1520