

Ashing or Muffle Furnaces

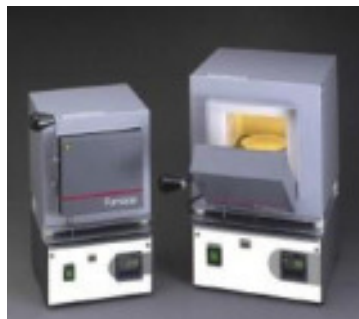
KFY-1170/KFY-1171

Used in the textile & fiber industries for high temperature ashing tests on wool, other fibers or fabrics and ignition tests.

Additional Information:

- Quick heat up to 1100°C maximum
- Digital single set point control
- Chamber capacities of 76 or 129 cu. in.

Small benchtop muffle furnaces feature ceramic fiber insulation that provides fast heat up while lowering energy use. Embedded heating elements on top and sides promote uniform temperature within the chamber over a range of 100° to 1100°C. A 0.38" diameter port at the rear of the chamber allows insertion of an independent measuring device to monitor chamber temperature. Chambers have a volume of 76 (5300A01) or 129 cubic inches (5300A05). Chamber interiors measure 5" D x 3.8" H x 4" W and 5.6" x 4.9" x 4.7", respectively.



Operation is via a digital single set point control and a single display shows actual temperature or set point. Furnace design incorporates a variety of safety features including a door safety switch that cuts off power to the heating elements when opened and a thermocouple break protector cuts power to the heating elements to prevent overheating in the event of thermocouple failure. Applications also include heat-treating of small steel parts, determination of volatile and suspended solids, ashing of organic and inorganic samples, ignition tests and gravimetric analysis.

KFY-1170 Muffle Furnace 1100 deg C, chamber 10.2 x 9.5 x 11.4 cm deep, wt 7.1 kg

KFY-1171 Muffle Furnace 1100 deg C, chamber 12.7 x 10.8 x 15.2 cm deep, wt 10.4 kg