# H-30135E.4F
# Bench Ovens, Digital Control

## Description:

These general-purpose, digital temperature-controlled, bench ovens have been developed primarily for the industrial lab. This series provides large bench or portable capacity. Although there are several different models and styles, all bench series ovens offer these standard features: fan-forced air circulation, aluminized interiors, Incoloy sheathed heating elements, 6-lb high-density mineral wool insulation, gasketed doors, adjustable 80-lb capacity shelves, high/low heat switch, rapid run-up and recovery times, 6-foot cord with plug, baked in scratch-resistant powder coated finish, and an 18-month factory warranty. All ovens are fully tested prior to shipment.

The digital PID microprocessor provides not only ease of temperature setting, but temperature tracking and ramp & soak capability, allowing for the most demanding applications. Digitally controlled ovens use a 'J'-Type thermocouple and will hold set temperatures to within ±0.5°C, providing improved uniformity.

These ovens are perfect for: preheating, thermal testing, self-batch processing, part drying, curing, baking, evaporating or dehydrating various media and soil aggregate, as well as many other applications. All units feature large work spaces and excellent portability.

Model selection includes two different sizes of 7 cu. ft., or 10.6 cu. ft., along with varying temperature ranges up to 550°F (287°C), and the enhanced control of PID-microprocessor temperature control.

## Technical Specifications:

| | |
|---|---|
| Model type: | Lab Bench Oven, Digital |
| Max. Temp: | 450°F (232°C), |
| Capacity: | 10.6 cu. ft. (300L) |
| Power: | 1920 watts, 230V 50/60Hz |
| Dimensions: | Inside: 25.5" x 24" x 30" (648 x 610 x 762mm) |
| | Overall: 33" x 35.5" x 34" (838 x 902 x 864mm) |

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## Models:

All Dimensions are W x D x H

| Part Number & Name |
|---|
| H-30140E<br>Lab Bench Oven, Digital; 300°F (149°C) Max. Temp, 7 cu. ft. (198L) capacity, 1050 watts, 115V 60Hz- Inside: 25.5" x 24" x 20" (648 x 610 x 508mm) Overall: 33" x 35.5" x 24" (838 x 902 x 610mm) |
| H-30140E.4F<br>Lab Bench Oven, Digital; 300°F (149°C) Max. Temp, 7 cu. ft. (198L) capacity, 1050 watts, 230V 50/60Hz- Inside: 25.5" x 24" x 20" (648 x 610 x 508mm) Overall: 33" x 35.5" x 24" (838 x 902 x 610mm) |
| H-30145E<br>Lab Bench Oven, Digital; 450°F (232°C) Max. Temp, 7 cu. ft. (198L) capacity, 1920 watts, 115V 60Hz - Inside: 25.5" x 24" x 20" (648 x 610 x 508mm) Overall: 33" x 35.5" x 24" (838 x 902 x 610mm) |
| H-30145E.4F<br>Lab Bench Oven, Digital; 450°F (232°C) Max. Temp, 7 cu. ft. (198L) capacity, 1920 watts, 230V 50/60Hz - Inside: 25.5" x 24" x 20" (648 x 610 x 508mm) Overall: 33" x 35.5" x 24" (838 x 902 x 610mm) |
| H-30135E<br>Lab Bench Oven, Digital; 450°F (232°C) Max. Temp, 10.6 cu. ft. (300L) capacity, 1920 watts, 115V 60Hz - Inside: 25.5" x 24" x 30" (648 x 610 x 762mm) Overall: 33" x 35.5" x 34" (838 x 902 x 864mm) |
| H-30135E.4F<br>Lab Bench Oven, Digital; 450°F (232°C) Max. Temp, 10.6 cu. ft. (300L) capacity, 1920 watts, 230V 50/60Hz - Inside: 25.5" x 24" x 30" (648 x 610 x 762mm) Overall: 33" x 35.5" x 34" (838 x 902 x 864mm) |
| H-30160E.4F<br>Lab Bench Oven, Digital; 550°F (287°C) Max. Temp, 6.6 cu. ft. (187L) capacity, 3000 watts, 230V 60Hz - Inside: 25.5" x 22.5" x 20" (648 x 572 x 508mm) Overall: 33" x 35.5" x 24" (838 x 902 x 610mm) |

## Accessories

| Part Number & Name |
|---|
| H-30145S<br>Shelf with Supports for all Laboratory Bench Ovens |
| H-30181<br>Heavy-Duty Lab Oven, Exhaust adapter for 3" pipe |
| H-30150<br>Heavy-Duty Lab Oven, Floor Stand, 1 fixed shelf |
| H-30155<br>Storage Cabinet for Ovens with 2 Slide Out Shelves |