

Endurance®

Full Featured Reach-in Chambers

The Endurance® Series from Weiss Technik: the Temperature & Humidity chamber that stands alone. Designed and engineered to give you lasting value, performance and reliability for all your testing applications. The intelligently engineered test space design allows for maximum airflow coverage and accurate gradients. Five popular sizes are available that allow you to choose the chamber that best fits your needs. The mobile design allows for greater flexibility.

Performance that is unmatched:

- Energy Efficient
- Ability to reach 98% rh @ 95°C
- Quiet Operation
- IN STOCK for quick shipment
- Mobile Design
- Built-In Water Reservoir
- Multi-Level High/Low Temperature Protection Feature
- Anti-Condensation Feature - Keep your product protected
- -70°C to 180°C and -40°C to 180°C
- ISO9001, A2LA and UL508A Certified



Welded Polished Stainless Steel Interior

**IN STOCK
READY
TO SHIP**



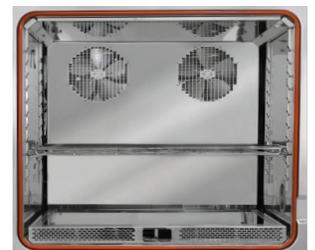
SIMPAC Precise Adjustable Touchscreen Controller



Adjustable Heavy Duty Leveling Casters



Tight Seal Double Gasket



Intelligently Engineered Test Space Design for Accurate Airflow Gradients

Global Partner for Environmental Test Chambers

www.weiss-na.com

| | | Design | | | | |
|-----------------------|------------|----------------|--------------------------|--------------------------|----------------------------|----------------------------|
| Model Number | | ENDH180/40 | ENDH340/40 ENDH340/70 | ENDH600/40 ENDH600/70 | ENDH1000/40 ENDH1000/70 | ENDH1500/40 ENDH1500/70 |
| Test Space Volume | Liter | 190 | 335 | 600 | 990 | 1540 |
| | Cubic Feet | 7 | 12 | 21 | 35 | 54 |
| Test Space Dimensions | Width | 22.8" (580 mm) | 22.8" (580 mm) | 31.4" (800 mm) | 43.3" (1100 mm) | 43.3" (1100 mm) |
| | Depth | 17.7" (450 mm) | 30.1" (765 mm) | 31.4" (800 mm) | 37.4" (950 mm) | 58" (1475 mm) |
| | Height | 29.5" (750 mm) | 29.5" (750 mm) | 37.4" (950 mm) | 37.4" (950 mm) | 37.4" (950 mm) |
| Exterior Dimensions | Width | 34.2" (870 mm) | 34.2" (870 mm) | 43" (1090 mm) | 54.7" (1390 mm) | 54.7" (1390 mm) |
| | Depth | 58" (1475 mm) | 70.4" (1790 mm) | 72.6" (1845 mm) | 78.5" (1995 mm) | 99.2" (2520 mm) |
| | Height | 70" (1780 mm) | 70" (1780 mm) | 80.6" (2047mm) | 80.6" (2047mm) | 80.6" (2047mm) |
| Chamber Weight | | ~950 lbs | ~1050 lbs ~1150 lbs | ~1350 lbs ~1490 lbs | ~1875 lbs ~2100 lbs | ~2050 lbs ~2450 lbs |
| | | ~431 kg | ~476 kg ~522 kg | ~612 kg ~675 kg | ~851 kg ~953 kg | ~930 kg ~1111 kg |

| | | Performance | | | | |
|-------------------------|-----------|----------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Temperature Range | Minimum | -40° C (-40° F) | -40° C (-40° F) -70° C (-94° F) | -40° C (-40° F) -70° C (-94° F) | -40° C (-40° F) -70° C (-94° F) | -40° C (-40° F) -70° C (-94° F) |
| | Maximum | +180° C (+356° F) | | | | |
| Heating Rate | °C/minute | 4.0 | 3.2 3.0 | 4.0 4.0 | 4.0 4.0 | 3.5 3.5 |
| Cooling Rate | °C/minute | 3.5 | 3.5 2.7 | 3.0 2.5 | 3.0 2.5 | 2.5 2.0 |
| Humidity Range | %RH | 10% to 98% | | | | |
| Dew Point Range | °C/°F | -3° C to +94° C (26° F + 201° F) | | | | |
| Acoustic Pressure Level | dB(A) | 58 | 60 | 66 | 70 | 70 |
| Condenser | | Air-Cooled | | | | |

Standard Features:

- Multi-pane heated window
- Left hand hinged door
- Two access ports
- Built-in water reservoir
- Mobile design
- Adjustable leveling casters
- Heavy duty shelf
- Single-handed operated door
- Easy access panel doors
- Double gasket seal
- SIMPAC 32-bit measuring & control system touchscreen controller

Additional Options:

- SIMPATI Software
- Additional Ports
- Transformer
- Demineralizer
- Dry Air Purge
- Additional options also available, contact your local sales representative

Notes:

- Temperature and humidity performance data are taken at the control sensor with an empty test space
- Exterior dimension includes touchscreen controller
- Average temperature change rates are measured at supply air in a +25° C ambient environment
- Heating/cooling rates are evaluated according to IEC 60068-3-5
- This literature is for general guidance only. It does not constitute recommendations, representations or advice and nor is it part of any contract. Our policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice.



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