

Chambers

ESPEC Temperature and Humidity Cycling Chamber



Application: Thermal cycling, Aging, Temperature/Humidity Testing

Features and Specs:

- **Temperature Range : -35°C – 150°C (without humidity)**
- **Humidity: 10-98% RH (15°C - 85°C)**
- **Internal Dimension: (39.4" x 35.5" x 39.4")**
- **RS-232 data port for collecting temperature and humidity data**

Model Number: ESL – 4CA

**Contact: Mike Meilunas 607-779-4452
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Thermotron Temperature and Humidity Cycling Chamber



Application: Thermal cycling, Aging, Temperature/Humidity Testing

Features and Specs:

- **Temperature Range: -73°C – 177°C (without humidity)**
- **Humidity: 20-95% RH (15°C - 85°C)**
- **Internal Dimension: (24" x 24" x 24")**
- **Dual Pen Chart Recorder**

Model Number: SM-8C

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Envirotronics Temperature and Humidity Cycling Chamber



Application: Thermal cycling, Aging, Temperature/Humidity Testing

Features and Specs:

- **Temperature Range: -30°C – 177°C**
- **Humidity: 20-95% RH**
- **Internal Dimension: (36" x 36" x 36")**

Model Number: SH27

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Thermotron F110 Thermal Cycling Chamber



Application: Thermal Cycling, Air-Air Thermal Shock.

Features and Specs:

- **Temperature Range: -73°C – 177°C**
- **Internal Dimension: (72"x 48"x 54")**
- **Single Pen Chart Recorder**
- **Thermal Shock Module (TSM-110) for Air-Air Thermal Shock**

Model Number: F-110-CLV-25-25

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Thermotron F82 Thermal Cycling Chamber



Application: Thermal Cycling

Features and Specs:

- **Temperature Range: -73°C – 177°C**
- **Internal Dimension: (54"x 48"x 54")**
- **Single Pen Chart Recorder**

Model Number: F-82-CLV-25-25

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Thermotron HPS-16 Thermal Cycling Chamber



Application: Thermal Cycling

Features and Specs:

- **Temperature Range: -73°C – 177°C**
- **Internal Dimension: (30"x 30"x 30")**
- **Single Pen Chart Recorder**

Model Number: HPS-16

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Tenney JR Temperature Cycling Chamber



Application: Thermal cycling, Aging.

Features and Specs:

Temperature Range: -70°C – 200°C

Internal Dimension: (16" x 11" x 11.75")

Air or Nitrogen Environment

Chart Recorder

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Ransco Thermal Shock Chamber



Application: Air-Air Thermal Shock.

Features and Specs:

- **Temperature Range: -70°C – 170°C**
- **Basket Dimension: (30"H x 25"D x 24"W)**
- **Dual Pen Chart Recorder**
- **Temperature Recovery Rate: ~ 20°C/min**

Model Number: 7110-2

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Thermotron ATS-150 Thermal Shock Chamber



Application: Air-Air Thermal Shock

Features and Specs:

- **Temperature Range: -73°C – 177°C**
- **Basket Dimension: (18"x 12"x 12")**
- **Dual Pen Chart Recorder**

Model Number: ATS150

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Cincinnati Sub-Zero Liquid Shock Chamber



Application: Liquid Thermal Shock

Features:

- **Temperature Range: -75°C – 160°C**
- **Basket Dimension: (30"x 30"x 30")**
- **Dual Pen Chart Recorder**

Model Number: TSBS-5P-3-3-S/AC

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Lunaire Box Ovens



Application: Heat Treatment, Bake-out, Aging, Curing, etc.

Features and Specs:

- **Temperature Range: 15°C – 250°C**
- **Programmable Controller**
- **Forced Nitrogen Option**

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Cascade TEK Box Ovens



Application: Heat Treatment, Bake-out, Aging, Curing, etc.

Features and Specs:

- **Temperature Range: 25°C – 230°C**
- **Forced convection with nitrogen and air capabilities**
- **Programmable controller**
- **Oxygen analyzer**

Model Number: 700-2

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