

## S-3800 Benchtop Temperature Chambers



S-1.0 and S-1.2

- Sophisticated, Easy-To-Use Controller
- Most Compact Footprint in Class
- Highest Performance Levels
- [3800 Programmer Controller](#)
- Short and Long Term Rental Plans
- Lease-To-Own Options
- [Humidity versions available](#)

Benchtop Chambers provide superior performance over a wide range of applications. Chamber design and construction meet critical quality standards. Engineering expertise assures optimum temperature change rates.

Thermotron's S-3800 Benchtop Temperature Chambers offer the flexibility, uniformity and control accuracy required for cost effective testing for all types of products. Three chamber sizes allow you to cost effectively select the exact chamber that best meets your environmental test criteria.

The S-1.0-3800 is great for testing small products or where space is a limiting factor. It occupies very little bench space, can be mounted in an instrument rack or multiple units can be stacked to further conserve floor space. The S-1.0-3800 features less than once cubic feet inside and offers a compact design that is

perfect for research and development and personal point-of-use testing. This multi-functional chamber is also available with [humidity](#).

The Thermotron S-1.2-3800 features a wide temperature range from -73°C to +180°C and is capable of rapid temperature transitions exceeding 3°C per minute. It conveniently plugs into a 110 Volt outlet, and is available through monthly rental and lease-to-own financing plans. This compact workhorse will quickly integrate into R&D or production environments.

The S-1.5-3800 features 25% more workspace than the S-1.2 3800. With an interior width of 20" rather than 16", this chamber can accommodate larger circuit boards and improve productivity through its ability to test more products at one time.

Thermotron's S-3800 Benchtop Series Test Chambers are equipped with the [3800 Programmer Controller](#). The new Controller has been designed and refined for environmental test chamber applications. The 3800 displays an interactive touch-sensitive keypad with a four-line display which makes program entry and monitoring easy. A built-in ethernet connection allows for computer interface for PC control and recording test data while the web server feature enables remote access.

Model Number	Interior Dimensions	Temperature Range	Change Rate
S-1.0-3800	14"W x 8"D x 14"H (36cm x 20cm x 36cm)	-40°C to +130°C (-40°F to +266°F)	42 minutes from +25°C to -35°C
S-1.2-3800	16"W x 11"D x 12"H (40.6cm x 27.9cm x 30.5cm)	-73°C to +180°C (-100°F to +356°F)	20 minutes from +25°C to -40°C
S-1.5-3800	20"W x 11"D x 12"H (50.8cm x 27.9cm x 30.5cm)	-73°C to +180°C (-100°F to +356°F)	24 minutes from +25°C to -40°C

	30.5cm)		
S-5.5-3800	20"W x 20"D x 24"H (51cm x 51cm x 61cm)	-68°C to +180°C (-90°F to +356°F)	16 minutes from +25°C to -40°C

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<ul style="list-style-type: none"> <li>• <a href="#">Fast Change Rate Chambers</a></li> <li>• <a href="#">Instrumentation</a></li> <li>• <a href="#">Life Science</a></li> <li>• <a href="#">Refurbished Equipment</a></li> <li>• <a href="#">Remote Conditioners</a></li> <li>• <a href="#">Software</a></li> <li>• <a href="#">Specialty Chambers</a></li> <li>• <a href="#">Specification Compliance Systems</a></li> <li>• <a href="#">Temp &amp; Humidity Chambers</a></li> <li>○ <a href="#">Benchtop Test Chambers</a></li> </ul>
<ul style="list-style-type: none"> <li>■ <a href="#">Benchtop Test w/ Humidity</a></li> </ul>
<ul style="list-style-type: none"> <li>○ <a href="#">S-Series Temperature &amp; Temp/Humidity Chambers</a></li> <li>○ <a href="#">SE-Series Environmental Test Chambers</a></li> <li>○ <a href="#">SL-Series Environmental Test Chambers</a></li> <li>○ <a href="#">Universal Port</a></li> <li>○ <a href="#">Walk-In Environmental Chambers</a></li> <li>• <a href="#">Test System Integration</a></li> <li>• <a href="#">Thermal Shock Chambers</a></li> <li>• <a href="#">Vibration</a></li> </ul>