



# **Agilent 6500 Series Q-TOF LC/MS**

## **Site Preparation Guide**



**Agilent**

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## **Temperature and Humidity**

The Agilent 6500 Series Q-TOF LC/MS is specified for operation under the following conditions:

- 15 to 35°C (59 to 95°F)
- Constant temperature (variations < 3°C/hr)
- 20-85% relative humidity at 35°C
- Non-condensing, non-corrosive atmosphere

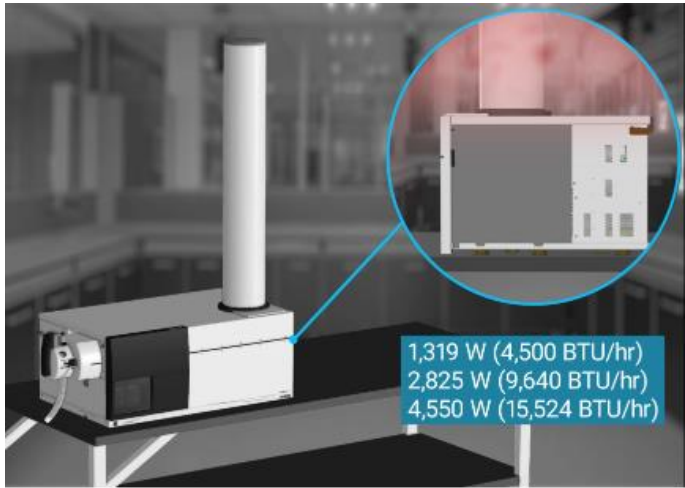
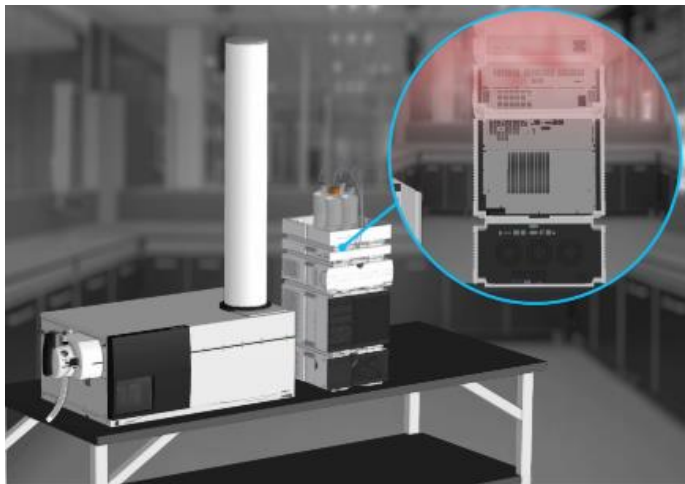
Environmental control systems must maintain these temperatures and humidity ranges.

The Agilent 6500 Series Q-TOF LC/MS dissipates up to:

- 1,319 Watts (4,500 BTU/hr) for Q-TOF with ESI source
- 2,825 Watts (9,640 BTU/hr) for Q-TOF with AJS source
- 4,550 Watts (15,524 BTU/hr) for iFunnel Q-TOF

Approximately 600 Watts (2,047 BTU/hr) are removed with the source exhaust. The LC and data system also contribute significantly to the cooling load. The exact amounts will depend on their configurations.

Additional allowances should be made for other heat sources such as heat from other equipment, heat from adjacent rooms, and heat from laboratory personnel.

1	<p>The Q-TOF LC/MS system (including pump and source) dissipates up to:</p> <ul style="list-style-type: none"> <li>1,319 Watts (4,500 BTU/hr) for Q-TOF with ESI source</li> <li>2,825 Watts (9,640 BTU/hr) for Q-TOF with AJS source</li> <li>4,550 Watts (15,524 BTU/hr) for iFunnel Q-TOF</li> </ul>	
2	<p>The LC and data system also contribute significantly to the cooling load. The exact amounts will depend on their configurations.</p>	
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