Agilent Cary 630 and Cary 635 FTIR

Caring for your Spectrometer

Your Cary 630 and Cary 635 FTIR spectrometer engine contains optics which are sensitive to moisture. While Agilent manufactures your product to ensure optimum performance, it is essential that you also maintain your laboratory environment to required operating standards.

CAUTION **Failure to provide the correct laboratory environmental conditions may lead to damage of internal components. This damage is not covered by the product warranty.**

To ensure optimum performance you must:

1 Keep your laboratory within the following specifications, which can also be found in the Cary 630 or Cary 635 FTIR Site Preparation Checklist, SD-MA000358. This is especially crucial for KBr optics engines which have stricter humidity requirements.

Specification	Optics	Operational / Powered	Storage / Not Powered	In Transit
Humidity Range (%)	ZnSe	Up to 80% non-condensing	Up to 40% non-condensing	Up to 80% non- condensing
	KBr	20% to 50% non-condensing	Up to 40% non-condensing	20% to 50% non-condensing

2 Check the desiccant regularly and replace it immediately when required. Refer to your Cary 630 or 635 FTIR User's Guide for instructions.

3 Leave your instrument turned on when not in use. The heat generated will reduce moisture content inside the engine.

4 If the engine has been exposed and opened to the environment for maintenance, allow the system to sufficiently warm up and equilibrate prior to use. The length of time depends on how long the system was open, and can take 30 minutes to 2 hours.

This information is subject to change without notice.

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