

Teledyne Tekmar Lumin Purge and Trap Site Preparation Checklist

Thank you for purchasing an Agilent **instrument**. To get you started and to assure a successful and timely installation, please refer to this specification or set of requirements.

Correct site preparation is the key first step in ensuring that your instruments and software systems operate reliably over an extended lifetime. This document is an **information guide AND checklist** prepared for you that outlines the supplies, consumables, space and utility requirements for your equipment for your site.

Customer Responsibilities

Make sure your site meets the following prior specifications before the installation date. For details, see specific sections within this checklist, including:

- The necessary laboratory or bench space is available
- The environmental conditions for the lab as well as laboratory gases and plumbing
- The power requirements related to the product (e.g., number & location of electrical outlets)
- The required operating supplies necessary for the product and installation
- Please consult Other Requirements section below for other product-specific information.

If Agilent is delivering installation and familiarization services, users of the instrument should be present throughout these services; otherwise, they will miss important operational, maintenance and safety information.

- Author to add specific customer activities or additional help, information, or guidance for the customer to follow prior to installation.

Important Customer Information

1. If you have questions or problems in providing anything described as a Customer Responsibilities above, please contact your local Agilent or partner support/service organization for assistance prior to delivery. In addition, Agilent and/or it's partners reserve the right to reschedule the installation dependent upon the readiness of your laboratory.
2. Should your site not be ready for whatever reasons, please contact Agilent as soon as possible to re-arrange any services that have been purchased.
3. Other optional services such as additional training, operational qualification (OQ) and consultation for user-specific applications may also be provided at the time of installation when ordered with the system, but should be contracted separately.

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Dimensions and Weight

Identify the laboratory bench space before your system arrives based on the table below.

Pay special attention to the **total height and total weight requirements for all system components you have ordered and avoid bench space with overhanging shelves**. Also pay special attention to the total weight of the modules you have ordered to ensure your laboratory bench can support this weight.

Instrument Description	Weight		Height		Depth		Width	
	Kg	lbs	cm	in	cm	in	cm	in
Lumin Purge and Trap Concentrator	12	27	22.6	8.9	47.5	18.7	43.7	17.2



Environmental Conditions

Operating your instrument within the recommended temperature ranges insures optimum instrument performance and lifetime.

Special Notes

1. Performance can be affected by sources of heat & cold e.g. direct sunlight, heating/cooling from air conditioning outlets, drafts and/or vibrations.
2. The site's ambient temperature conditions must be stable for optimum performance.

Instrument Description	Operating temp range °C (F)	Operating humidity range (%)	Heat Dissipation (BTU)
Lumin Purge and Trap Concentrator	10o and 30o C (50o and 86o F)	Humidity 10% to 90%. Corrosion: The front cover is corrosion resistant to waters with a pH range of 1-10.	

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Power Consumption
Special Notes

1. If a computer system is supplied with your instrument, be sure to account for those electrical outlets.

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)
Lumin Purge and Trap Concentrator	100/115V, 50/60Hz	8	920
	220/240V, 50/60Hz	4	920


Required Operating Supplies by Customer
Special Notes

1. For information on Agilent consumables, accessories and laboratory operating supplies, please visit <http://www.chem.agilent.com/en-US/Products/consumables/Pages/default.aspx>
2. Teledyne Tekmar recommends against the use of a 60 meter VOC column for the analysis of preparative methods 5030 and 5035 for use with determinative method USEPA 8260 as well as USEPA drinking water methods 524.2 and 524.3. The use of this column with an Agilent 7890/5975 has shown analytical challenges resulting in extensive method development time. Teledyne Tekmar recommends columns of either 20 or 30 meter lengths for these applications.
3. The Agilent 6850/6890/7890 interface cable is included in the instrument shipment. If the Lumin purge and trap concentrator will be connected to a non-Agilent instrument notify your sales representative prior to installation so that the appropriate cable is shipped.
4. GCMS units ship with a Y interface cable. If the Lumin purge and trap concentrator is going to be installed on an existing GCMS, the Y interface cable should be purchased, part number G1530-61200.

Item Description (including dimensions etc)	Vendor's Part Number (if applicable)	Recommended Quantity

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Important Customer Web Links

- For additional information about our solutions, please visit our web site at <http://www.chem.agilent.com/en-US/Pages/HomePage.aspx>
- Need to get information on your product?
Literature Library - <http://www.agilent.com/chem/library>
- Need to know more?
Customer Education - <http://www.agilent.com/chem/education>
- Need technical support, FAQs? - <http://www.agilent.com/chem/techsupp>
- Need supplies? - <http://www.agilent.com/chem/supplies>

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