

Tapped Density and Friability Tester with Rotating Bottle Apparatus Site Preparation Checklist

Hardware Site Preparation Specification



Agilent Technologies

Purpose of Procedure

Thank you for purchasing an Agilent solution. To get you started and to assure a successful and timely installation of your Agilent solution, 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. It may also recommend tools where needed, that will help you get started.

For additional information about our solutions, please visit our web site at <http://www.chem.agilent.com/en-US/Pages/HomePage.aspx>

Customer Responsibilities

Make sure your site meets the following **prior to the installation date using the checklist below**, including:

- ☐ the necessary **laboratory or bench space is available with 30 cm above the height and 10 cm from the sides and rear of the dimensions below.**
- ☐ the **number & location** electrical outlets are available.
- ☐ the **operating supplies, consumables** have been ordered.
- ☐ **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.**
- ☐ If Agilent is performing installation services, the equipment should be as near to the permanent location as possible and personnel should be available to assist the Agilent representative in placing the instrument on the laboratory bench.

Important Customer Information

If you have questions or problems in providing anything described as a *Customer Responsibilities* above, please contact your local Agilent Technologies office for assistance prior to delivery.

Assistance with user-specific applications may be provided but should be contracted separately.



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
Tap Density Tester	12.5	27	56.5	22.25	28.5	11.1	30.5	12
Friability Tester	9.9	21.9	35	13.75	31.5	12.25	41	16.12
Rotating Bottle Apparatus	14.1	31	61	24	39	15.3	48.3	19

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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 and cold from heating, air conditioning systems, or drafts.
2. The site's ambient temperature conditions must be stable for optimum performance.
3. Site must be free of sources of vibration

Instrument Description	Operating temp range °C (F)	Operating humidity range °C (F)
<i>Tap Density Tester</i>	5-35°C	NMT 80% RH non-condensing
<i>Friability Tester</i>	5-40°C	NMT 80% RH non-condensing
<i>Rotating Bottle Apparatus</i>	5-40°C	NMT 80% RH non-condensing
	Altitude	
	0-2000m (0-6562ft)	

Power Consumption

Special Notes:

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

Instrument Description	Line Voltage & Frequency (V, Hz)	Maximum Power Consumption (VA)	Maximum Power Consumption (W)	BTU
<i>Tap Density Tester</i>	115 V, 60 Hz	3.0 A	345	1178
<i>Tap Density Tester</i>	230V, 50 Hz	2.0 A	460	1570.5
<i>Friability Tester</i>	115 V, 60 Hz	1.5 A	172.5	589
<i>Friability Tester</i>	230V, 50 Hz	0.75 A	172.5	589
<i>Rotating Bottle Apparatus</i>	115 V, 60 Hz	3 A	345	1178
<i>Rotating Bottle Apparatus</i>	230V, 50 Hz	2 A	460	1570.5



Other Considerations

- a) For Agilent consumables and operating supplies, please visit <http://www.chem.agilent.com/en-US/Products/consumables/Pages/default.aspx>
- b) Refer to Operator's Manual for proper care and preventative maintenance requirements.

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Document Control Logs

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01	22 Oct, 2010	Initial document - New

Approval Log:

Revision	Date	Approver	Title of Approver
01	22 Oct, 2010	Irena Caf	Quality Manager