Subject: RE: 11917 ST-500HT (450 K) UCSD n. ANL From: Sam Gonzales <SGonzales@janis.com> Date: 9/10/2018 5:33 PM To: Eric Dufresne <dufresne@anl.gov> CC: Services <Services@janis.com>

Dear Eric,

Thank you for your e-mail. I am sorry, but it looks like we did not receive your e-mail from late Friday afternoon. I am Sam, the Technical Support Specialist at Janis Research. I will be glad to help you as much as I can with your Janis equipment. Can you confirm for me that this cryostat was purchased by UCSD and is now located at Argonne National Lab?

Please find attached a drawing, wiring diagram, and operating instructions for your cryostat. I ahve attached the most recent version fo the operating instructions. Please note that your cryostat may differ slightly from these instructions, and specifically, your cryostat has an upper temperature limit of 450 K, but the basic operation is unchanged. Please review these materials and if you still have questions about condensation on the cryostat during operation then please let me know.

Please let me know if there is anything else you need.

Please feel free to contact me if you need any further assistance. For ease of continuity please reply using the same subject line. Thank you and good luck.





labels are usually near the evacuation valve or the instrumentation feedthrough

-----Original Message-----From: Eric Dufresne <dufresne@anl.gov> Sent: Monday, September 10, 2018 3:35 PM To: Services <Services@janis.com> Subject: manuals, drawings for ST-500HT

Dear service department,

I sent this email to sales@janis without an answer. I requested the following earlier:

I have a cryostat ST-500HT with serial number 11917, purchased in 2008. I don't have the drawings or manual so I would like to get them both electronically.

Also, the liquid He vacuum jacket was icing on our last experiment 3 years ago, so I am wondering if there is a way I can pump the jacket myself, or do I need to return the unit to you for repair?

Thanks in advance, Eric Dufresne

------ Forwarded message ------Date: Fri, 7 Sep 2018 22:37:26 +0000 From: Eric Dufresne <dufresne@anl.gov> To: sales@janis.com Subject: manuals, drawings for ST-500HT

Dear Customer Service Representative,

I have a cryostat ST-500HT with serial number 11917, purchased in 2008. I don't have the drawings or manual so I would like to get them both electronically.

Also, the liquid He vacuum jacket was icing on our last experiment 3 years ago, so I am wondering if there is a way I can pump the jacket myself, or do I need to return the unit to you for repair?

Finally, I've noticed that you have a new Cryogen Free Closed Cycle System that works with this cryostat (Model PT-7). How much would this cost roughly?

Tanks in advance,

Eric Dufresne

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Dr. Eric Dufresne APS Sector 8 Argonne National Lab Bldg 432 E009 9700 South Cass Ave. Argonne IL 60439 tel: 630-252-0274 cell: 630-631-3194 fax: 630-252-0282 email: dufresne@anl.gov WWW: http://www.xray.aps.anl.gov/~dufresne/

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-Attachments:	
D060408A - 11917 ST-500.pdf	68.6 KB
11917 - wiring diagram.pdf	9.8 КВ
ST-500_Manual.pdf	390 KB