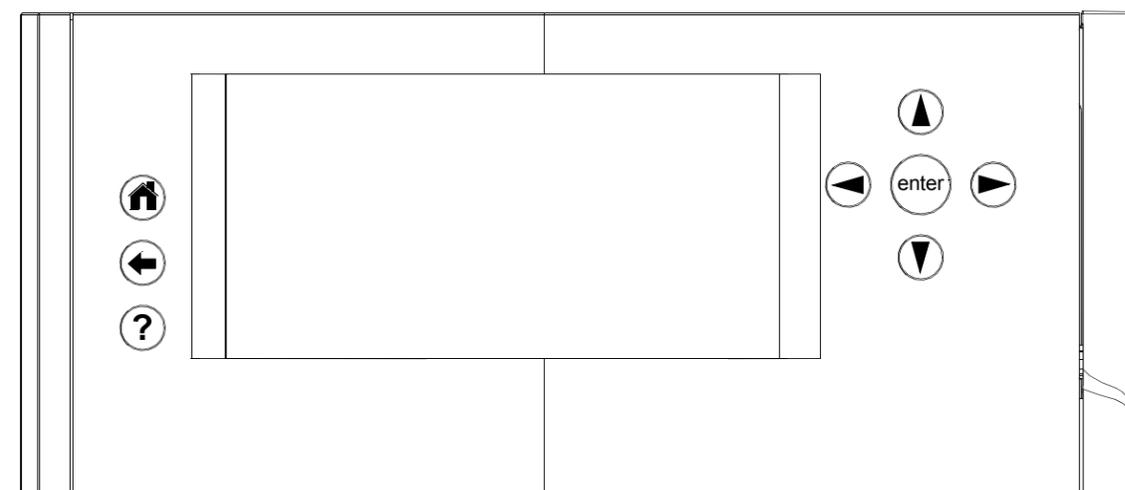


Figure 3: On-Board *IS* Remote Cable Connections to an On-Board *IS* Cryopump

On-Board[®] *IS* Remote Quick Installation Guide

Part Number 8040664, Revision A, 01/11/2013

ECO Number 63723



On-Board *IS* Remote Operation

Refer to *Section 1* of the **On-Board *IS* Cryopump System Operation Guide**, CTI-Cryogenics part number 8040647, for On-Board *IS* Remote operation information.

Product Information and Technical Support

Please visit the Helix Technology Corporation Website located at <http://www.brooks.com> to obtain additional product information or call the GUTS[®] (Guaranteed Uptime Support) Service Center for 24 hour, 7 day per week support by dialing:

800-367-4887 - Inside the United States of America

508-337-5599 - Outside the United States of America

Before You Start

1. Make sure the On-Board IS Cryopumps have been installed according to the directions found in the appropriate On-Board IS Cryopump quick installation guide.
2. Make sure the On-Board IS 1000 Compressors have been installed according to the directions found in the **On-Board IS 1000 Compressor Quick Installation Guide**, CTI-Cryogenics part number 8040645.
3. Make sure the On-Board IS Controller has been installed according to the directions found in the **On-Board IS Remote Quick Installation Guide**, CTI-Cryogenics part number 8040648 or 8040657.
4. Read and follow all safety precautions in the On-Board IS Cryopump and On-Board IS 1000 Compressor Quick Installation Guides.

On-Board IS Remote Cable Connections



CAUTION

Equipment Damage

To avoid damaging the equipment, ensure the Network Cables are not near EMI sources when routing them through the process tool.

NOTE: The Universal Serial Bus (USB) connector on the On-Board IS Remote does not support the USB protocol.

1. Connect the On-Board IS Remote cable to the USB connector On-Board IS Remote as shown in Figure 2.
2. Connect the On-Board IS Remote cable to the On-Board IS Remote connector on the On-Board IS Controller.

The On-Board IS Remote receives power through the USB cable and the display illuminates.

You can use the hardware mount (see Figure 1) on the On-Board IS Remote to mount and place the On-Board IS Remote in a suitable location on a tripod or similar hardware.

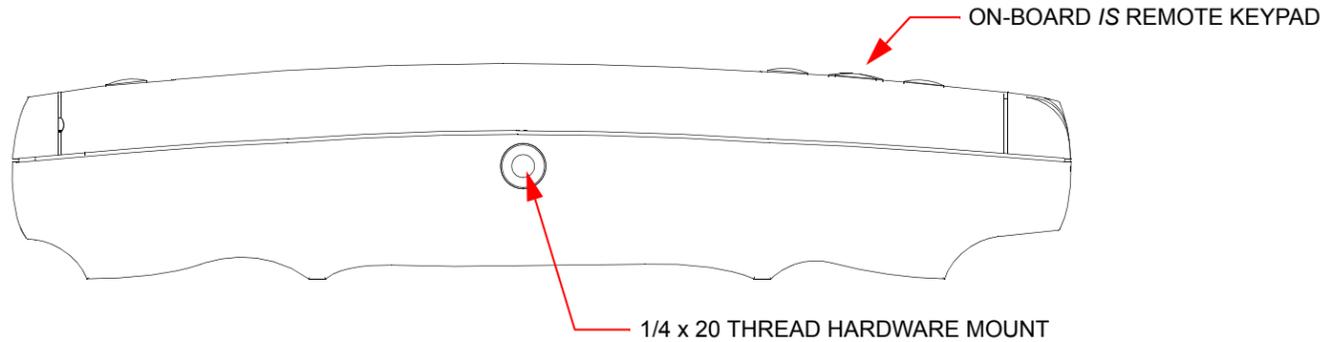
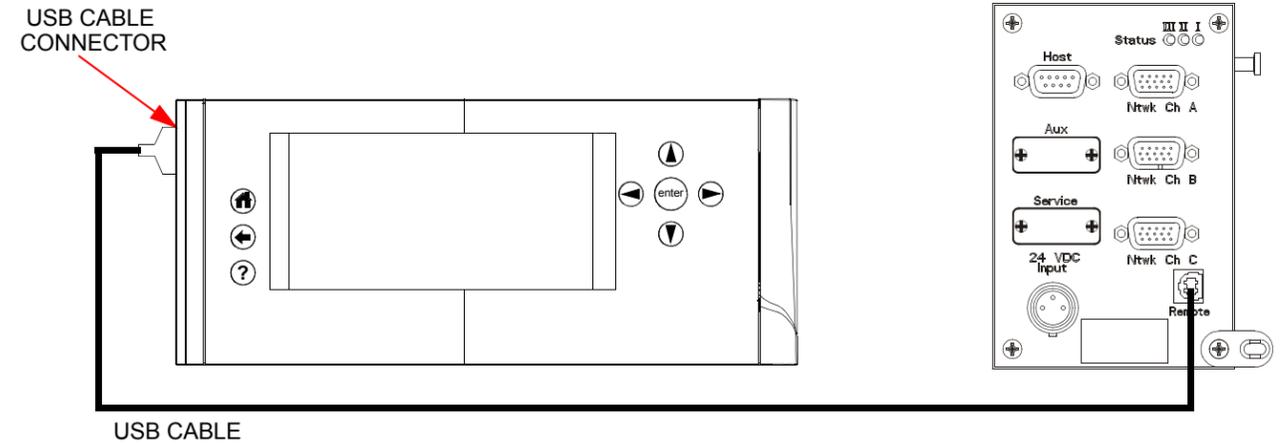
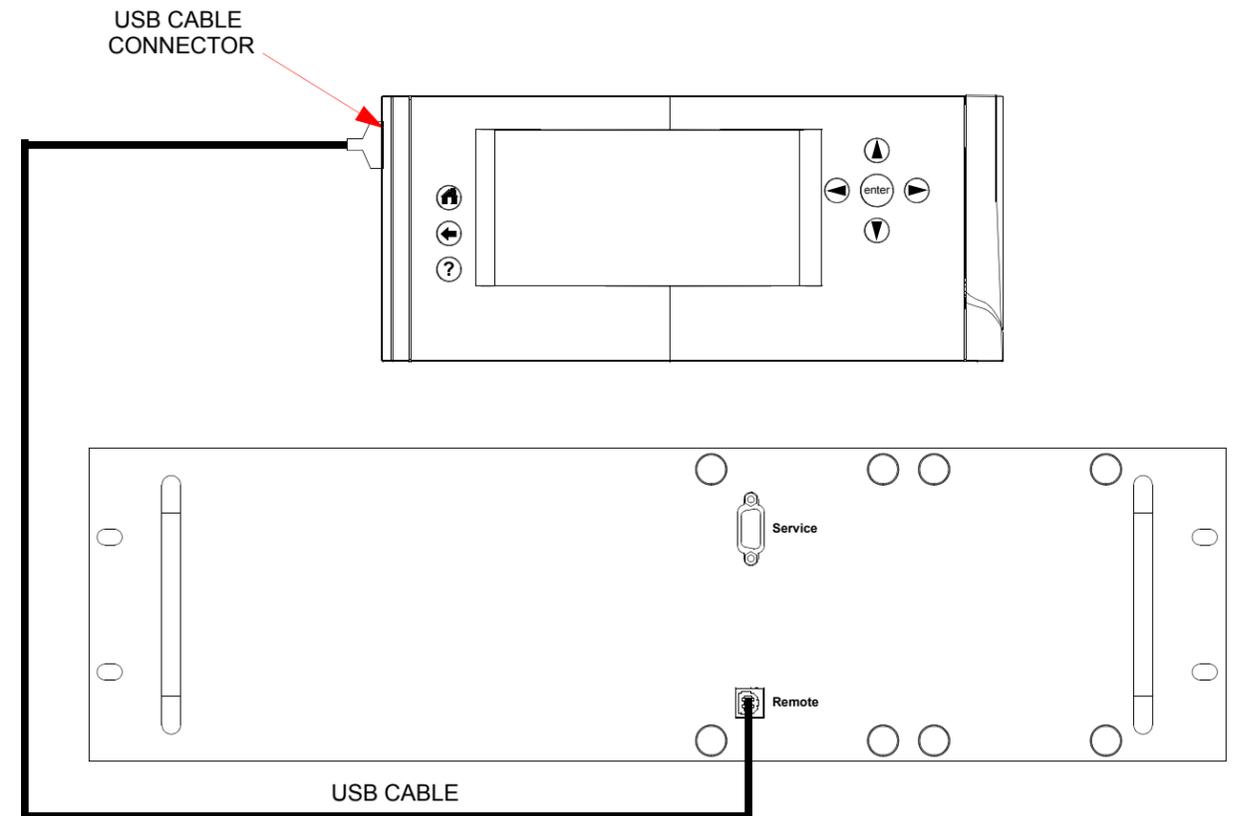


Figure 1: On-Board IS Remote Hardware Mount



ON-BOARD IS REMOTE CONNECTED TO THE ON-BOARD IS CONTROLLER (PUMP MOUNT)



ON-BOARD IS REMOTE CONNECTED TO THE ON-BOARD IS CONTROLLER (RACK MOUNT)

Figure 2: On-Board IS Remote Cable Connections to an On-Board IS Controller