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

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

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