



Heliport

Thaw Station



Product Manual



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Contents

- 1 Heliport Thaw Station
- 1 12V AC/DC adaptor
- 11 Microplate cradles
- 1 8 ft remote I/O cable

Bench Top Installation

- Remove contents from foam packaging.
- Plug the adaptor tip into the jack on the left side of the unit.
- Connect the adaptor plug to an electrical outlet.
- Position unit with logo side facing out.
- Leave at least 6 inches between the rear of the unit and walls or other obstructions.
- Position plate cradles in any desired portrait or landscape configuration.

←
6 in from wall
←



Robotic Workstation Installation

- Install Heli port in any available space on your workstation deck as described in Bench Top Installation.
- On Tecan Freedom EVO® liquid handlers, Heli port should be positioned with its front surface flush to the backside of carriers affixed to the central working surface to allow robotic arm access.
- On other liquid handlers, position Heli port as required for desired access to robotic manipulators.
- Connect the remote access cable to the remote port next to the power switch.
- On Tecan Freedom EVO® liquid handlers, connect the other end of the remote cable to any available 3 pin I/O port on the SMIO board.
- For integration with other liquid handlers connect remote cable to any 3 pin port with the following (L-R) pinout:
 - Blank / +24V / Ground
 - If no such connection is available, contact Box Scientific.
(Custom remote cables may be purchased separately).
- Position plate cradles onto top surface as desired for matrixing to automated scripts.

Operation

- Heli port has two operational modes: Direct Power and Remote I/O.
 - Flip the 3-way switch towards the rear of the unit for Direct mode. This will directly power on the unit for bench top use.
 - Flip the 3-way switch towards the front of the unit for Remote mode. This will enable remote I/O control through your automated system.
- In Direct mode Heli port will run continuously until manually powered off (center switch position).
- In Remote mode Heli port can be toggled on or off via the software controls for the selected remote port.



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Full One Year Warranty Terms and Conditions

Box Scientific – Heliport Thaw Station Full One Year Warranty

What is Covered

- This warranty covers any defects in materials, workmanship, or operation of your Heliport unit with the exceptions stated below.

How Long Coverage Lasts

- This warranty runs for one year from the date of purchase.

What is not covered

- This warranty does not cover damages incurred by accidental or purposeful use or abuse outside of manufacturer recommended handling and operation. This includes damages to your Heliport unit caused by impact or dropping and electrical damage caused by liquid spills. This warranty also does not cover damages caused by floods, fires or natural disasters.

What Box Scientific Will Do

- Box Scientific will immediately replace any Heliport units which are defective in materials or workmanship. In the event that inventory levels do not allow immediate replacement, Box Scientific will replace the defective Heliport unit as soon as inventory becomes available or offer a full refund of the purchase price as an alternative.

How To Get Service

- Contact Box Scientific directly at (408) 361-8631 or any Box Scientific Sales Representative. You may also contact us via our website at www.boxscientific.com. When available, replacements for defective Heliport units covered by this warranty will be shipped within two (2) business days.

How State Law Applies

- This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.