

Art Robbins Phoenix



Manufacturer: Art Robbins Instruments
Model Number: Phoenix
Web Address: www.artrobbins.us

The Phoenix is the ideal Protein crystallography robot, featuring accuracy, speed and precision to make it the perfect instrument for sitting drop, hanging drop and microbatch reactions. In less than 50 seconds it dispenses protein and screen to the small wells or membranes. The speed of dispensing the screen and protein eliminates the problem of evaporation even when dispensing as little as 100 nanoliters. Both the 96 syringe head and the nano dispenser have a large volume range. The 96 syringes are equipped with flexible needles that will not be damaged in the event of a misplaced plate. The 96 head can dispense from 100 nanoliters to 100 microliters and the nano dispenser has a range of 50 nanoliters to over 10 microliters.

Protein Crystallography Liquid Handler: Commands

▶ **LoadProtocol(protocolName)** - Loads the specified protocol into the crystallography liquid handler.

protocolName	String	Path for the specified protocol to be loaded.
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▶ **StartProtocol()** - Starts the currently loaded protocol.

▶ **StopProtocol()** - Stops the running protocol.

▶ **PauseProtocol()** - Pauses the running protocol.

▶ **ResumeProtocol()** - Resumes the paused protocol.

▶ **MoveTray(level, position)** - Moves the tray into the specified position on the deck.

level	Integer	Level on the deck. Range of values: 1 to 2 .
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position	String	Position on the deck.
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Protein Crystallography Liquid Handler: Errors

🔥 **ArmError(code)** - Error occurred during command execution.

code	Integer	Error code.
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