

MatriCal LidX



Manufacturer: MatriCal Bioscience
 Model Number: MatriCal-LidX
 Web Address: www.matrical.com

The MatriCal delidder automates the process of removing, storing, and replacing lids. Its features include compact footprint, stackable design, pneumatic actuation, plate present sensors, waste chute for disposal, activeX driver for integration projects, and dual position plate carriage. This intelligent system is able to detect successful lid removal and replacement.

Lidder: Commands

▶ **GetStatus(bit)** - Poll the status register of the LidX to determine the current operating status.

bit	Integer	Specified bit of the status register. 0: Bay one ready to run, 1: Bay one running de-lid operation, 2: Bay one running lid operation, 3: Bay one running de-lid to waste operation, 4: Bay one clamped, 5: Bay one operation complete, 6: Bay one suction, 7: Low system air pressure, 8: Bay two ready to run, 9: Bay two running de-lid operation, 10: Bay two running lid operation, 11: Bay two running de-lid to waste operation, 12: Bay two clamped, 13: Bay two operation complete, 14: Bay two suction, 15: Not used. Range of values: 0 to 15.
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▶ **Delid(bay)** - Start a delid operation on the specified bay.

bay	Integer	Bay number for the delid operation. Range of values: 1 to 2.
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▶ **Lid(bay)** - Start a lid operation on the specified bay.

bay	Integer	Bay number for the lid operation. Range of values: 1 to 2.
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▶ **DelidToWaste(bay)** - Start a delid to waste operation on the specified bay.

bay	Integer	Bay number for the delid to waste operation. Range of values: 1 to 2.
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▶ **ResetBay(bay)** - Reset the specified bay and set the bay ready to run.

bay	Integer	Bay number to be reset. Range of values: 1 to 2.
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▶ **ResetAll()** - Reset both bays and set the bays ready to run.

▶ **GetError(code)** - Decode an error code into a string.

code	Integer	Error code.
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Lidder Error

🔥 **LidderError(number, description)** - Error occurred during command

execution.

number	Integer	Number of the error.
description	String	Description of the error.

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