

TS-1005	Adjust Pneumatic Grip Pressure to Alleviate Crushing Tubes on a VX2/VXL	Document Owner: Service Department	Effective Date: AUG-23-2022	Page 1 of 2
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Purpose

This guide provides the steps required to adjust the grip pressure of the pneumatic gripper on a VX2/VXL if the gripper is crushing tubes.

Intended Use

If the Pneumatic gripper is crushing tubes on a VX2/VXL.

Required Material and Equipment

N/A

Intended Audience

Superuser

Prerequisites

N/A

Procedure

1. Ensure the correct grip finger is being used for the current configuration. (See [SCIF017 for gripper fingers](#))
2. Using the stainless steel grip pressure adjustment flow controller, turn the knob counter-clockwise to lessen the pressure.
3. When the correct pressure is set, turn the locking nut clockwise to lock the adjustment screw in place.





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Figure 1.

Note: For non-capped tubes, the pressure on the gauge should read no higher than *0.3 MPa*. For capped tubes this value should be *0.5 MPa*.

If you need additional assistance, please call our service department at 314-298-9800 or email service@scinomix.com.

Definitions

N/A

Revision History

Version:	Change:	Effective Date:	Approved by:
A	NEW	APR-13-2020	B. Petti
B	Reviewed and updated content Renamed from <i>Issues with VX2-VXL Pneumatic Gripper Crushing Tubes</i> Added Intended Use section	AUG-23-2022	Service