

<b>TS-1031</b>	<b>Scinomix Fuse Replacement</b>	<b>Document Owner:</b> Service Department	<b>Effective Date:</b> APR-03-2020	<b>Page 1 of 6</b>
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## Purpose

This document provides the steps required to replace Scinomix fuses. Scinomix products use 1 of 2 types of fuses based on design variants. Fuses may need to be replaced in the event of a power surge or short circuit. Fuse replacement is a maintenance procedure that can be performed by the end user after carefully reading and understanding this document.

## Required Material and Equipment

- Replacement fuse for the instrument
- Flat head screwdriver

## Intended Audience

Scinomix End users.

## Prerequisites



**Before replacing a fuse, the user must read and understand this document. Before performing any service or maintenance, the user must read and understand the User Guide for the specified model to understand any hazards associated with it. Failure to do so may cause a hazard to the user or possible damage to the equipment.**



**It is important to power off the instrument and disconnect power supply on any instrument before fuse replacement. Failure to validate disconnection may cause a hazard.**

## Fuse Types

There may be 1 or more fuses on the control panel of the instrument. The following images demonstrate only examples of types for visual identification. The actual control panel of the instrument may look different.

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Screwdriver bracket



Figure 1.

Thumb screw bracket



Figure 2.

### *Replacement: Screwdriver Bracket*

1. Use a flat head screwdriver to push the fuse in lightly, and turn counter-clockwise a ¼ turn to release the fuse.

**Note:** The fuse is spring loaded and should pop out of its location on the control panel.



Figure 3.

2. Pull gently to remove the fuse.

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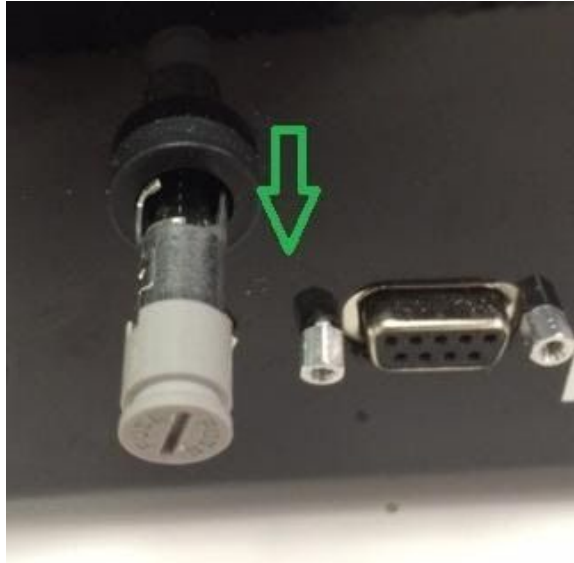


Figure 4.

3. Separate the fuse from the bracket.



Figure 5.

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4. Insert the new fuse. The fuse is universal making the orientation irrelevant.

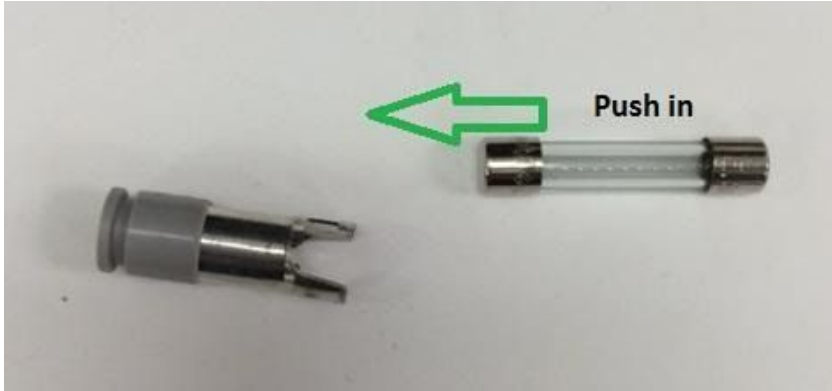


Figure 6.

5. Gently slide fuse back into its location on the control panel. Reverse steps for removal to complete replacement.
6. Power on and test instrument functionality using the instructions provided in the User Guide.

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### *Replacement: Thumb Screw Bracket*

1. Using thumb and index finger, push in lightly and turn the fuse knob counter-clockwise a  $\frac{1}{4}$  turn to release the fuse. The fuse is spring loaded and should pop out of its location on the control panel.



Figure 7.

2. Remove the fuse from the instrument.
3. Separate the fuse from the bracket.

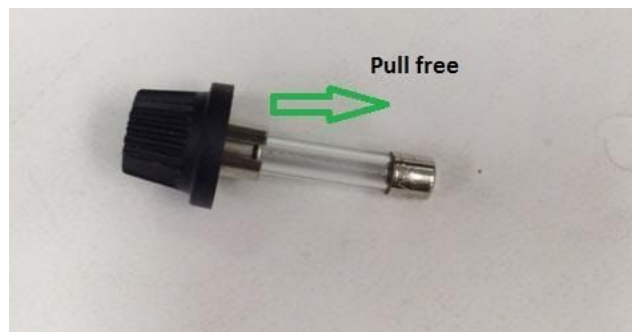


Figure 8.

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4. Insert new fuse. The fuse is universal making the orientation irrelevant.

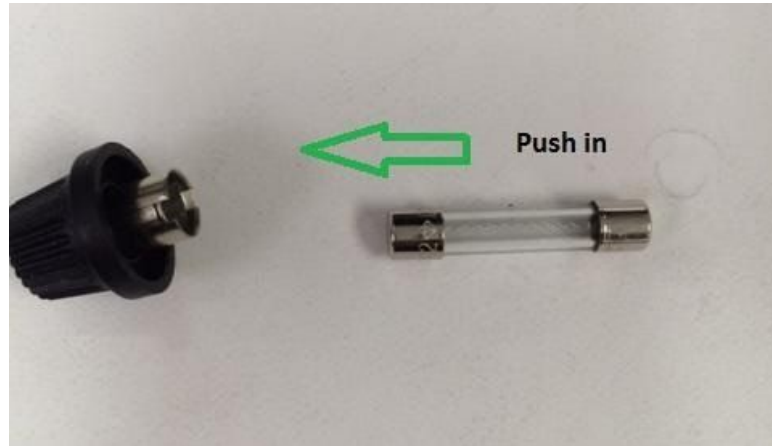


Figure 9.

5. Gently slide fuse back into its location on the control panel. Reverse the removal steps 1 to complete replacement.
6. Power on and test the instrument functionality using the instructions provided in the User Guide.

*If you need additional assistance, please call our service department at 314-298-9800 or email [service@scinomix.com](mailto:service@scinomix.com).*

## Definitions

N/A.

## Revision History

<b>Version:</b>	<b>Change:</b>	<b>Effective Date:</b>	<b>Approved by:</b>
A	NEW	APR-03-2020	B. Petti