



mountz®

**MSP Automation Digital
Display Screw
Presenters(MSP619 &
MSP1069)**

Operating Instructions

Rev 1.3 (09/01/2020)

Read the operation manual carefully before using the machine.



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Features

1. Adjustable Screw Size Capacity

Fully adjustable models, as the screw presenters can be adjusted to match different screw sizes.

2. Operates Smoothly

Screws are placed into the hopper of the screw presenter and automatically lined up for dispensing.

3. Adjustable Speed

Control the deeding system and drive system independently. Adjust the screw feed speed.

4. Simple Operation

This simple mechanism allows trouble-free operation, eliminating jammed or stuck screws.

5. Increase Productivity Significantly

Screw presenters are small, tabletop devices used to organize and automate work areas and production cells. Screw presenters make assemblers and the assembly process more efficient by mechanically presenting a screw to a fixed pick up point. Conventional assembly methods cause assemblers to inefficiently fumble with screws that are stored in bins or shaker trays. The enhancement of productivity is estimated to improve assembly time by nearly fifty percent.

BEFORE USE

Read these instructions thoroughly for the proper use of this machine. Keep the manual in a safe place so that you or the operator can refer to it whenever necessary.

1. Accessories Included:

- * Screw stopper plate , 1 pcs (1pcs is already attached to the main body)
- * DC Adapter , 1 pcs
- * 2 metal adjustment laminates, 4 pcs 1.2mm, 5 pcs 0.2mm (used to adjust the holding plate)
- * Hexagonal key, 1 pcs



2. For safe use

Operate the screw presenter properly in order to prevent injuries and damage

Installation

Install the screw presenter on a level, stable location that can endure its weight and operating conditions. If the machine falls down or turns over due to improper installation, injuries or property damage may result.

Operating Environment

Caution: Do not operate this machine where flammable or corrosive gas is present. It is extremely dangerous to use this machine under such circumstances. Do not operate this machine in environments of high humidity.

AC adapter

Caution: Do not use any other AC adapter other than the recommended accessory.

Rail

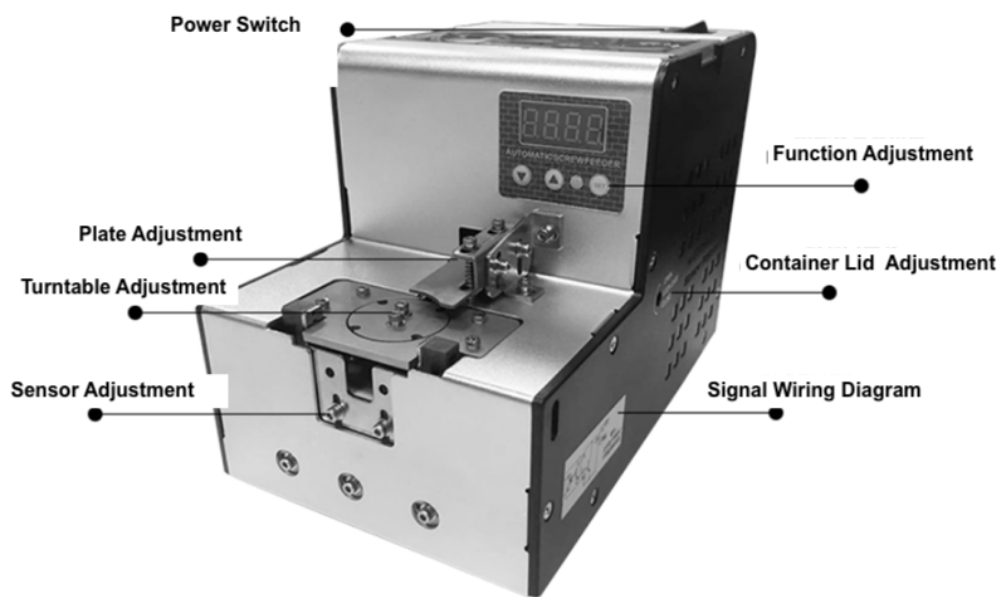
Caution: Do not damage nor oil the rail.

Suitability of screws

Caution: Do not use oily screws, dirty screws or any screw other than those prescribed.

Description of parts and functions

Basic Frame



Trouble Shooting

Problem	Reasons	solution
No power	<ol style="list-style-type: none"> 1. powersupply is damaged 2. switch damage 	Check for updates
Indicator lit but the machine does not work	<ol style="list-style-type: none"> 1. Sensor in wrong location or blocked 2. The power cord outlet is broken 3. Working part of the machine is blocked 	<ol style="list-style-type: none"> 1. Check or adjust 2. Re-welding 3. Remove them from the machine
Screw is stuck in Screw Chamber	Screw Windows open or brush position is wrong	Check and adjust
Screw leak out from the container	Screw Windows open or brush position is wrong	Check and adjust
Vibration, no stop	<ol style="list-style-type: none"> 1. Feeding delay is too long 2. sensor located in wrong location 3. sensor is not in the right position 	Check and adjust Sensor is not in the right position
Screw on rail speed is too slow	<ol style="list-style-type: none"> 1. Feeding speed is slow and delay is too short 2. too short 3. The gap of the rail is not suitable 4. The rail touches the board 5. No gap between rail and front board There 6. are dropped Screws between vibration motor and bottom board 	<ol style="list-style-type: none"> 1. adjust the motor speed 2. Increase the feeding delay

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