

Star mG-S Series Wire Sealing Guide

mG-S322

- 1 Take off the wind shield.



- 2 Take off M3 hexagon screws (opposite side size: 5.5mm) and base frame.



- 3 Take off the screw on the back.



- 4 Attach wire sealing holder to back of scale using the back screws.



- 5 Run wire through the 2 holes and secure them to the counter.



star

Scale Support Guide

37967880

mG-S Series



Thank You for Purchasing Star's mG-Scale!

Your new scale has a lot to offer! This scale is NTEP Certified meaning you can sell the products that you are weighing. There are a few steps before you can legally use it. Every state has different rules and regulations.

For more information about your state, please refer to

<https://starmicronics.com/Pages/mgscalesupport>

WARNING: PRODUCTS SOLD ON A SCALE THAT IS NOT PROPERLY REGISTERED CAN RESULT IN LEGAL ACTION.

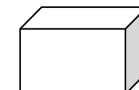
mG-S322



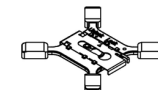
Check Supplied Accessories



Round Pan



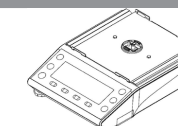
Windshield box



Pan Base



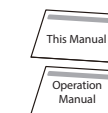
AC-Adapter



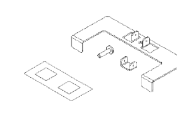
Main Unit



USB Cable



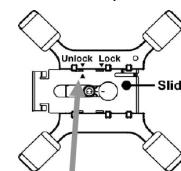
Setup Guides



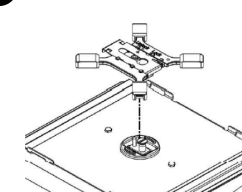
Parts for Sealing

Assemble the Scale

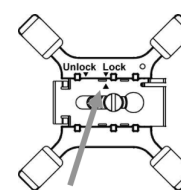
- 1 Make sure the slide is in **Unlock** position.



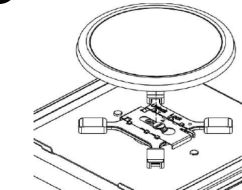
- 2 Put the Pan Base on the scale.



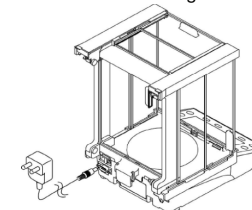
- 3 Slide to **Lock** position.



- 4 Put the Pan on the scale.



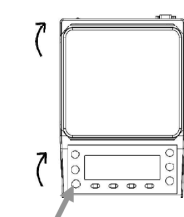
- 5 Assemble and attach the windshield. Refer to Assembling the windshield.



- 6 Connect AC adaptor.

Level the Scale

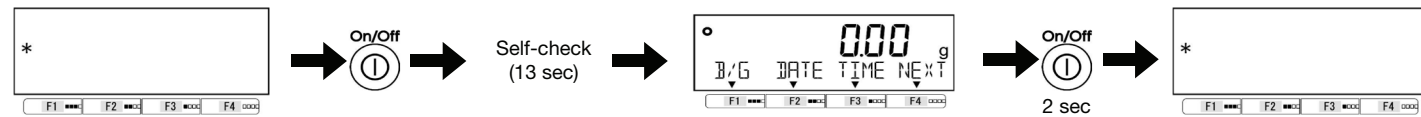
- 1 Before turning on the scale, place the scale on a stable surface. Then, adjust the four feet at the corners.



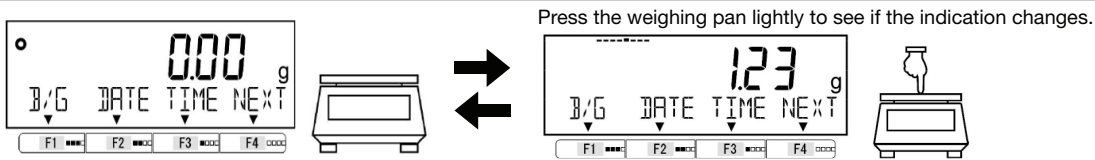
- 2 Make sure the level bubble is in the center as below.



Power on/off the scale



Operation Check



Zero-point Adjustment

This function makes the indicator zero without any loads.

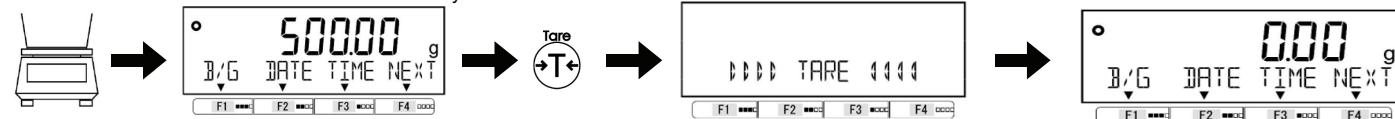


Make sure nothing is on the pan

Note: When the weighing load exceeds $\pm 1.5\%$ of that capacity, this function cannot be executed.

Weighing a sample with a container (Tare)

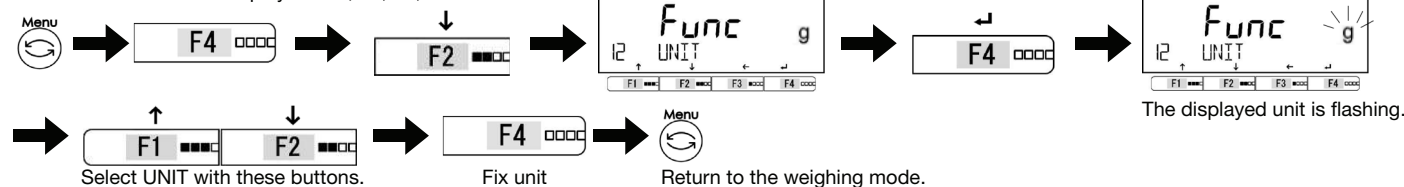
This function makes the indicator zero without any loads.



Note: When you want to clear the tare weight, please press "ZERO" button.

Change Unit

*The buttons under the display are F1, F2, F3, and F4 from left.



The displayed unit is flashing.

Connect to a tablet via Bluetooth Low Energy

Select the scale when your application is in the search function.

Scale names are as below.
(Default)
mG-S322: mG-S322XXYYYY

XX: The manufacture date
YYYY: The last 4 digits of the serial number
The serial number is on the label at the back.

For more details, please contact your software company.

Connect to Windows PC

USB

1. Download the scale driver at the link below and install it on your PC.
(http://www.starmicronics.com/support/?printerCode=MG-S_Scale)
2. Connect the scale to PC with USB cable.
3. Turn on the scale.
4. The scale appears in "Devices and Printers" e.g. "STAR MG-1501 (COM4)"
5. In your POS application, choose the same COM port when configuring your scale.

Use of USB bus power

1. Open "Properties" by right clicking on the scale name in "Ports (COM & LPT)" in "Device Manager".
2. Check off "Allow the computer to turn off this device to save power" in "Power management" tab.

Bluetooth

1. Turn on the scale.
2. Add Bluetooth device on you PC. The scale is in "Devices and Printers", e.g. "MG-S1501XXYYYY"
3. Right click on the scale in the "Devices and Printers", then, go to "Properties".
4. You can see "COMn" in "Services" tab.(n means a port number).
5. In your POS application, choose the same COM port when configuration your scale.

Star mG-S Series Calibration Guide

This document explains what must be done to use this scale for any commercial purposes or legally controlled application.

The owners are responsible for making sure the scale meets the requirements of your state, local, or federal weights and measures office. A procedure to place the scale into service also depends on states.

Please contact them for details in advance. You can find your contact and the link to the weights and measures division of your state here.

<http://www.ncwm.net/resource/state-directors-all>

What you need

- Calibration weight (OIML F1 Class)
- Security sealing items included in the box
- Non-conductive thin rod
- Operation manual (<http://www.star-m.jp/pjump/000106.html>)

Leveling the scale

Adjust footers at the bottom corners of the scale. Refer to the operation manual.

Calibration

Please turn on the scale more than 30 minutes before the calibration and load the calibration weights few times. Follow the instruction of "Span calibration with external weight" in the operation manual. We recommend using the capacity weight.

mG-S322: 320 g

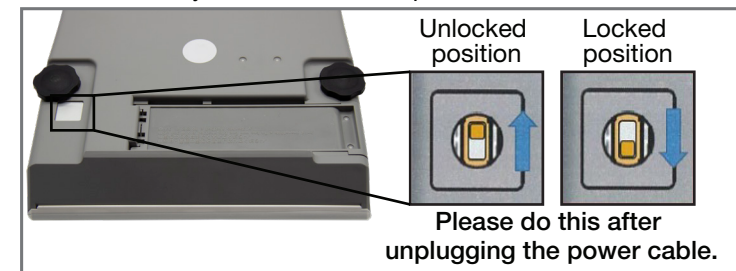
If you don't use a weight more than one-half of the capacity, the "UC" is displayed when weighing more than twice heavy calibration weight because the weighing accuracy is not guaranteed.

Lock the security switch

1. Turn off the scale and unplug the power cable. If the windshield is attached, remove it.
2. Remove the square sticker at the front bottom of the scale as shown below.



3. Set the security switch to Locked position. This switch is at "Unlocked position" as default.



Configure the settings

Configure to the settings you want to use. Refer to the operation manual.

Sealing

Security stickers or a plate should be attached as below.

If the state requires a wire sealing, use a lock plate on the back of the scale as below. Please refer to "Star MG-S Series Wire sealing Guide".



Verification

A weights and measures official or authorized service agent must perform the verification procedure.