

# ARLYN Saw Scale (w/ MKE-5)

## Arlyn Saw Scale (w/ MKE-5) Manual

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### Initial Setup And Operation

1. Carefully unpack scale from shipping carton. Save packing material for possible future use.
2. If the level legs are included separately, screw one into each corner underneath the scale.
3. Place scale on a level surface and adjust the level legs so that all four legs are touching the surface.
4. If scale comes equipped with ramps, fix them to the floor using the mounting holes provided. Be careful not to let the scale platform rub up against the ramp or any other surface, as this would cause non-repeatability or other inaccuracies.
5. Plug in to 117/120V Outlet. (For KR2i/KMPI/KML connectivity, connect to system's RS232-connector labeled "Feed / Permeate Scale" to power on scale.)
6. In most cases, the scale will boot directly into the weight screen. In other instances, the scale will first show the "ready" prompt. Press the ON/OFF key to get past this prompt.
7. The scale will run some post-initialization processes even after the weight is shown. Please wait at least 30 seconds before operating the scale. See **Startup Caution** below.
8. Allow 5-10 minutes warm-up time for stabilization and most accurate results. [This is only applicable if the scale is being turned on after some down time. This does not apply if the scale just went through a power cycle].
9. Put a known test weight on the platform to see if the readings on the digital indicator are correct.
10. If the reading is not correct, perform a CALIBRATION procedure as described below before first official use.

### Startup Caution

Every time the scale is powered up, please wait at least 30 seconds before interacting with the scale. The scale has to initialize all its parameters and remember your previous settings and that takes a little bit of time.

### Calibration

1. Before performing any calibration, the scale must undergo a Full Power Cycle. This means disconnect the scale from the power supply, wait a full minute, and then reconnect it back to the power supply.
2. Once the scale is back on, allow 5-10 minutes of warm up time for initialization and stabilization. Do not operate the scale during this period.
3. Perform **SAW Correction** (Page 7 in Instruction Manual).



4. Once SAW Correction is complete, put a test weight on the scale to check for accuracy.
5. The scale is ready to be used. If accuracy is an issue, proceed to Step 6.
6. If the weight reading is off, perform **Full Calibration** (Page 8 in Instructions Manual) as described in the Instructions Manual.
7. If the Calibration fails repeatedly, or if problems with weight do not get resolved through Calibration, refer to **Restore to Factory Defaults** (Page 11 in Instructions Manual) to restore working factory parameters that are built into the scale.

### Quick SAW Correction

You can perform a Quick SAW Correction within 3 button presses without going through the entire process listed above. To do this, follow the proceeding steps.

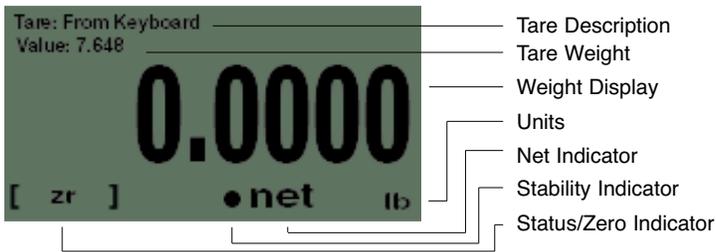
1. Press SHIFT (ON/OFF key) + ZERO. A prompt will appear asking you to remove all weights on the platform.
2. Make sure there are no weights on the platform, then press the ENTER button again on this screen ----the "Processing" screen will appear. After that, just wait until the process completes.

### Factory Defaults

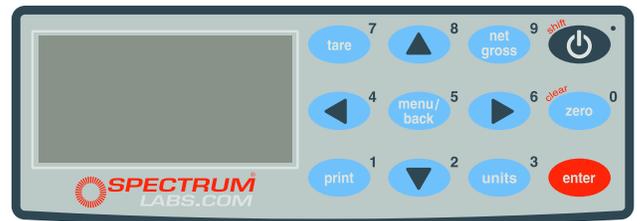
Your scale has been pre-programmed with factory defaults that can be restored at any time. If the scale is not working properly after calibration, you can restore the factory defaults in a few simple steps as described in Restore to Factory Defaults (Page 11 in Instructions Manual).

## ARLYN Saw Scale (w/ MKE-5)

### Main Display Screen



### Front Panel / Keyboard



### Main Display Screen

Weight Display	Shows the weight on the platform in the current units setting
Units	Shows the active conversion units
Net Indicator	Shows "Net" if the indicator is in net weighing mode
Status Indicator	Shows if the weight on the display is a "Stable Weight"
Status/Zero	Shows either "Zr" if the platform is at zero, a bar graph showing how close the scale is to maximum capacity or "OVLd!" if the platform is overloaded
Tare Description	Shows the description of the active tare weight
Tare Weight	Shows the weight value of the active tare

### Front Panel / Keyboard

ON/OFF	Press once to place the scale in its normal operating mode. Pressing and holding the key will return the scale to the "ready" mode. On battery pack equipped scales, press and hold this key to power it down.
Tare	Pressing this key will tare any weight on the platform and switch the scale to the net mode. Holding this key down will clear any active tare weight
Net Indicator	Shows "Net" if the indicator is in net weighing mode
Net/Gross	Toggle the indicator between the <b>net</b> and <b>gross</b> mode
Units	Pressing this key allows you to step through various unit conversions
Zero	Will zero the indicator
Menu/Back	Using this key from the weight display will access the setup menu. In all other areas it is used to back out from menus or to complete an operation
Enter	Using this key from the weight display will access the setup menu. In all other areas it is used to back out from menus or to complete an operation
Arrows	Are used to navigate and select menu items
Shift	Used for secondary functions and to toggle caps on/off in text editing
Clear	Used in some editing screens to clear input lines and numbers. This key needs to be pressed and held
Numbers	Used in various places to input floating point numbers



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