MANUAL

MKE-5 - Ultra Precision SAW Scale Manual - http://www.arlynscales.com/product-manuals-specification-sheets/

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, then 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 your scale comes equipped with ramps, fix them to the floor using the mounting holes provided. This way the ramp will not move during normal use. 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 into 117 VAC wall outlet.
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) It is strongly recommended to first perform the 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. You will know when the scale is done initializing when the word "Done…" appears at the top of the screen very briefly.

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 **Zero Calibration** (Page 6 in Instruction Manual). Take note of any errors that may occur during this time. If the Calibration results in an error, refer to **Calibration Errors** (Page 12 in Instructions Manual). It is strongly recommended to power cycle the scale once an error is encountered. This allows calibration to take place in a fresh state.
4) Once Zero Calibration 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 6 in Instructions Manual) as described in the Instructions Manual. See step #3 in regards to errors that might occur during calibration.
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 "ZERO" CALIBRATION

You can perform a quick Zero calibration 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 "please wait" 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 malfunctions, you can restore the factory defaults in a few simple steps as described in **Restore to Factory Defaults** (Page 11 in Instructions Manual).
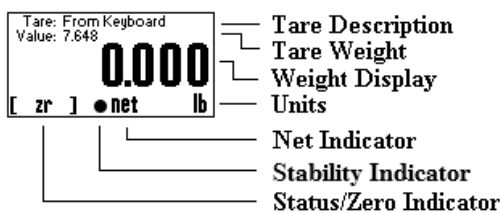
MAINTAINING ACCURACY

1) It is recommended that **Zero Calibration** be done on the same day of receipt of the scale.
2) It is recommended that **Zero Calibration** be done every 3 to 4 days after the receipt of the SAW Scale.
3) It is also recommended that **Full Calibration** be performed every year.

MAIN DISPLAY SCREEN
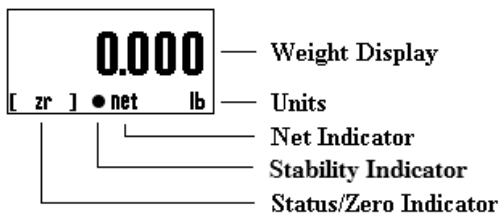
WEIGHT DISPLAY	Shows the weight on the platform in the current units setting
UNITS	Shows the active conversion units
STATUS INDICATOR	Shows if the weight on the display is a "Stable Weight"
NET INDICATOR	Shows "Net" if the indicator is in net weighing mode
STATUS/ZERO	Shows either "Zr" if the platform 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
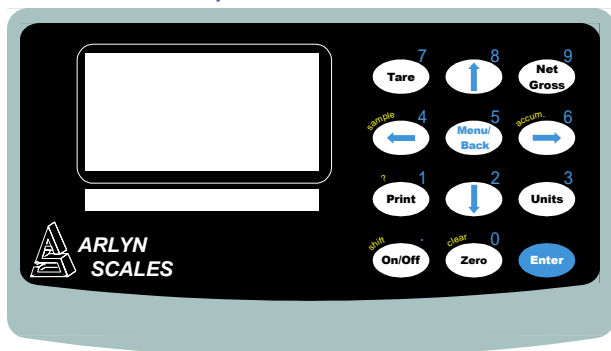
Main Function Keys

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/GROSS	Toggle the indicator between the **net** and **gross** mode.
UNITS	Pressing this key allows you to step through various unit conversions.
ZERO	Will zero the indicator.

Menu Navigation Keys

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	This key is used to select items and to complete operations in the various menus
ARROWS	Are used to navigate and select menu items

Secondary Function Keys

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.