USER MANUALS & SOFTWARE

Manuals: http://www.arlynscales.com/Product-Manuals-Specification-Sheets

[**MKE-5 Ultra-Precision SAW Scale User Manual –** Instructions, Options Guide and Limited Warranty Terms]

[**MKE-5 Parts Counting Manual –** For Parts Counting Scales]

[**MKE-5 USB Manual –** Instructions for installing USB Drivers for the Scale (if equipped)]

Software: http://www.arlynscales.com/software-downloads/

[**MKE-5 USB Software CD –** Software drivers for USB Communication (if equipped)]

[**MKE-5 Ethernet Software CD –** Software Utilities for integrating Ethernet Scales to your existing LAN (if equipped)]

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. If the level legs are already screwed into the platform, they MUST be unscrewed and extended out so they can hold the platform above ground.
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 in to 117/120V Outlet. *(For KML and KR models, connect to system's RS232-connector labeled "Feed / Permeate Scale" to the pump's input).*
6) In most cases, the scale will boot directly into the weight screen. If not, press the ON/OFF button.
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.
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) Now put a known test weight on the platform to see if the readings on the digital indicator are correct. If the reading is not correct, then perform a CALIBRATION procedure as described below before first official use.
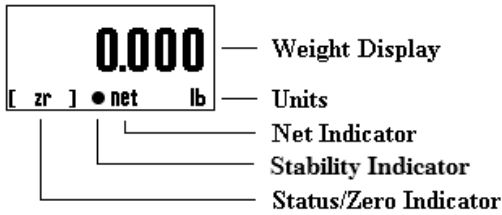
CALIBRATION

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) The scale is ready to be used. If accuracy is an issue, proceed to the next step.
4) Perform **Full Calibration** (Page 7 in Instructions Manual) as described in the Instructions Manual.
5) If the scale is not performing properly, please refer to **Restore to Factory Defaults** (Page 9 in Instructions Manual) to restore working factory parameters that are built into the scale.
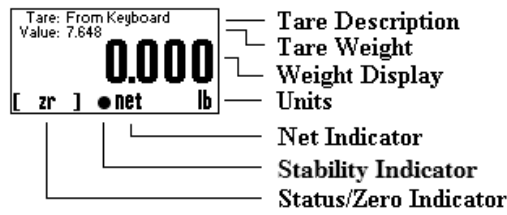
FACTORY DEFAULTS

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 9 in Instructions Manual).
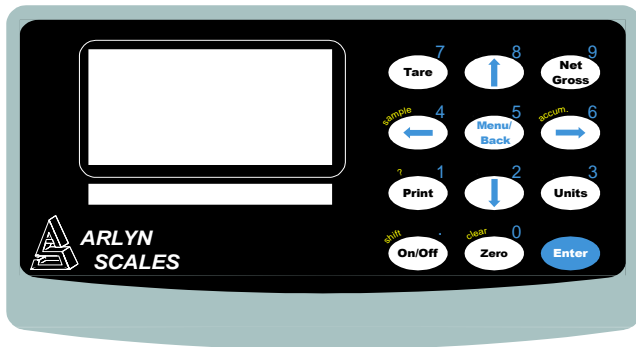
MAIN DISPLAY SCREEN

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

Main Function Keys

ON/OFF	Press and hold to reboot the scale. On battery pack equipped scales, press and hold this key to power it down.
TARE	Tares any weight on the platform and switch the scale to the net mode. Hold the key down to clear the tare
NET/GROSS	Toggle between the net and gross mode. Net mode will show the weight on the platform minus any tared weight.
UNITS	Pressing this key allows you to step through the various activated Units.
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.

MULTIPLE INDICATORS AND PLATFORMS

Indicators and Platforms must not be mixed and matched. Each indicator is calibrated towards a particular platform. If you purchased and received multiple scales, then each indicator must be matched with its own platform. To do this, match the serial number on the back of the indicator to the serial number on the platform. The platform's serial number is usually located on the side of its frame or under it.