



# Arlyn ULTRA PRECISION Bench Scales

## SURFACE ACOUSTIC WAVE TECHNOLOGY

www.arlynscales.com

v1.4

Ideal for Parts Counting, Formulation, and every application where **precision** and **extreme durability** are important. Arlyn Scales introduces patented new **SAW** (Surface Acoustic Wave) Technology - **a breakthrough in the scale industry**. It utilizes an All Digital system to provide unrivaled accuracy that is **10X better** than standard scales, with resolution that is up to **20X better**. It also offers *excellent temperature stability and durability*. In many situations, one higher capacity SAW scale can substitute for 2 or 3 standard scales of different capacities. SAW scale technology was invented and developed by Arlyn. As with all of our scales, we only sell our scales factory direct. Other features include easy installation, easy to read graphics LCD display, full numeric keypad, and easy to use menu driven interface. The indicator also offers Units Conversion, Net/Gross, Tare, Zero, and many other secondary functions.

Model	SAW-X	SAW-T	SAW-L	SAW-C	SAW-H
Capacity	10lb (5000g)	25lb (12,000g)	50lb (22kg)	100lb (44kg)	200lb (90kg)
Readability	0.0001lb (0.05g)	0.0002lb (0.1g)	0.0005lb (0.2g)	0.001lb (0.5g)	0.002lb (1g)
Pan Size	12" x 12"				
Pan Size (-16)	N/A	12" x 16"			



\*MKE-5 Indicator Included. Platform shown with optional UpScale Indicator and optional 12" x 16" Pan.

### FEATURES

**Ultra Accurate** - Internal resolution up to 1 part in 2,000,000.

**Ultra Durable** - Massive heat treated alloy load cell. 250% shock load protection. Large stainless platform.

**No Set Up** or dealer services required. Automatic calibration.

**Easy Operation** - Pushbutton functions for automatic tare and unit conversion. Movable display head for easy viewing.

**Optional Touchscreen** - Available with Arlyn UpScale touchscreen indicator as shown above.\*

**Other Platform Sizes** - *Other sizes available on request.*

**Certified CE** - Manufactured in accordance to EU standards following EMC (2014/30/EU) & RoHS (2011/65/EU) Directives

### ADDITIONAL SPECIFICATIONS

→ **Accuracy - 0.01% of Full Scale** ←

**Power Requirements** - 117/220VAC, 50/60 Hz, (24VDC Optional)

**Optional DC-Rechargeable** battery approx. 20 hours use, overnight recharge. (only available with MKE-5 Indicators)

**Linearity\*** - approx. 1:40,000 of full capacity

**Temp Coefficient\*** - 2 ppm/ °C (-5 - 40 °C)

**Dimensions** - 15" x 17" x 3.5", 24lb (shipping weight)

**Tare, Zero Range** - 100% of full scale

**Included Display** - 1" easy to read LCD w/ status ind.

\* - typical spec.

**Operating Temp** - 10°F to 120°F

**Overload Condition** - Display warning message at 102% of scale capacity. Resists mechanical damage to 250% of capacity.

**Display Speed** - 0.5 seconds, adjustable

**Weighing Features** - Adjustable constants, automatic calibration

**Options** - Optional 12" x 16", Arlyn UpScale Touchscreen Indicator, Analog 4-20mA/0-5V out, USB, RS-232, RS-485, Ethernet TCP/IP & Wi-Fi Interface, Time & Date, Label, page, and ticket printers, Automatic Setpoints, Battery pack, NEMA-4x, EtherNet/IP, Modbus RTU/ASCII/TCP, PROFINET, Google Spreadsheets Integration, & more. (Limitations apply. Call for details)