



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, 1W

Optional DC-Rechargeable battery approx. 20 hours use, overnight recharge. (only available with MKE5 Indicators)

Linearity - approximately 1:50,000 (typical)

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

Creep - approximately 1:30,000 (typical)

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

Tare, Zero Range - 100% of full scale

Included Display - 1" easy to read LCD with status annunciators

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 output, USB Computer Port, RS-232 Computer Port, Ethernet and WiFi Interface, adjustable rates, Time and Date output, Label, page, and ticket printers, Automatic Setpoints, Battery pack. (Limitations apply. Call for details)