



PREMIUM ULTRA PRECISION Scales

SURFACE ACOUSTIC WAVE TECHNOLOGY

www.arlynscales.com

These **Premium Ultra Precision** Scales have the State-of-the-Art **SAW** (Surface Acoustic Wave) Technology - a **breakthrough in the scale industry**. These scales have 2x the resolution of the current generation of Ultra Precision Scales as well as 40x the resolution of regular strain gauge scales. 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. 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.

The Premium Ultra Precision Scales are the only scales manufactured at Arlyn that comes in ultra-compact design. The design features 9" x 8" stainless steel pan sitting on a 12" x 8" form. It also includes a built-in keypad and a 128 x 64 Dot Matrix LCD screen allowing ultra-portability

Model	SAW-PX	SAW-PT	SAW-PL	SAW-PC
Capacity	10lb (5000g)	25lb (12,000g)	50lb (22kg)	100lb (44kg)
Readability	0.0005lb (0.02g)	0.0001lb (0.05g)	0.0002lb (0.1g)	0.0005lb (0.2g)
Pan Size	9" x 8"			



FEATURES

- Ultra Accurate** - Internal resolution to 1 part in 2,000,000.
- Ultra Durable** - Massive heat treated alloy load cell. 250% shock load protection.
- 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 touchscreen indicator as shown above.*
- 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)

Unit Dimensions - 12" x 8" x 3.5"

Tare, Zero Range - 100% of full scale

Included Display - 1" easy to read LCD with status ind.

Operating Temp - 10°F to 120°F

• - typical spec.

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 - 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)