



# ArlynGuard-P Platform Scales

INTRINSICALLY SAFE PLATFORM SCALES

www.arlynscales.com

v1.7

Take advantage of our **Explosion Proof Scales** that provide *intrinsic safety* at an affordable price. They feature a power efficient Cortex-M microprocessor incorporated on a single circuit board. Their extremely low power consumption provides long battery life from three (3) rechargeable AA batteries. The scale features stainless steel load cells giving the scale superior overload protection for years of trouble free use. Other features include easy installation, easy to read graphics LCD display, full numeric keypad, easy to use menu driven interface and large memory capacity. The indicator also offers Units Conversion, Net/Gross, Tare, Zero and many other secondary functions. Its housing is made from impact resistant nylon. The optional communications interface allows communication to non-hazardous areas, giving RS-232, analog and setpoint outputs. Learn more at <https://www.arlynscales.com/scales/arlynguard-p/>

P/N	P5	P5-22x44	P10	P10-36x36	P10-SS
Capacity	500lb (220kg)		1000lb (440kg)		
Readability	0.1lb (0.05kg)	0.1lb (0.05kg)	0.2lb (0.1kg)		
Platform Dimensions	20" x 27"	22" x 44"	20" x 27"	36" x 36"	Stainless 20" x 27"



## FEATURES

- Very Low Profile Platform** – 20"x27" aluminum plate (optional Stainless Steel) only 1 7/8" high.
- Very Accurate** - Internal resolution up to 1 part in 500,000. Nominal resolution at 1 part in 5000.
- Optional Stainless Steel** – All models also available in (SS) stainless steel construction.
- Versatile Configurations** - [www.arlynscales.com/fm-explosion-proof-scale-configurations/](http://www.arlynscales.com/fm-explosion-proof-scale-configurations/)
- Other Platform Sizes** – Also available in 30"x30" and 27"x60". *Other sizes available on request.*

## ADDITIONAL SPECIFICATIONS

- Power Requirements** - Uses supplied (3) NiMH AA batteries. 1 extra set provided with recharger.
- AC Power available with Safety Barrier.**
- Accuracy** - 0.1% of full scale
- Tare, Zero Range** - 100% of full scale
- Operating Temp** - 14°F to 104°F
- Overload Condition** - Display warning message at 102% of scale capacity. Mechanical stops prevent damage to 150% of capacity.
- Display Speed** - 0.5 seconds, adjustable

- Display** – Intrinsically Safe for use in Hazardous/Classified Locations, 1" easy to read LCD with status annunciators.
- Electronics** – Power efficient Cortex-M based system, self-test feature. All electronics on 1-plug board for easy service.
- Weighing Features** - Adjustable constants, automatic calibration, Tare & Sample Storage, Quick Tare/Quick Sample, Auto Shutoff, etc.
- Options** – Optional features provided through Safety Barrier giving RS-232, USB, Ethernet, 4-20mA/0-5V, etc. Safe Area Display, 4-20mA/0-5V (no indicator) Interfaces also available

## INTRINSICALLY SAFE

Class I, II, III, Division 1, Groups A, B, C, D, E, F & G  
 Class I, Zone 0, AEx ia IIC (T3 Ta=60C)  
 Indoor Hazardous (Classified) Locations.  
 Non-incendive for use in Class I, Division 2, Groups A, B, C and D.  
 Suitable for use in Class II, Division 2, Groups F & G,  
 Class III, Division 2 indoor Hazardous (Classified) Locations

## APPROVALS

This ArlynGuard scale is equipped with one or more of:

- Model MKE-5-IS-a (b) Digital Weight Indicator System
- Load Cell Models 620-300-IS, 620-100-IS, 620-50-IS, 620-25-IS, 620-10-IS, 520-10000L-IS, 520-5000L-IS, 520-5000IS, 520-2500-IS, 520-1250-IS, 320-500-IS and 320-250-IS

which are **Factory Mutual (FM) Approved components as per Approval Standard 3600, 3610, 3611 and 3810**