



ArlynGuard-B Bench Scales

INTRINSICALLY SAFE SCALES

www.arlynscales.com

Take advantage of our **Explosion Proof Scales** that provide *intrinsic safety* at an affordable price. They feature a 32-bit microprocessor incorporated on a single circuit board. Their extremely low power consumption provides long battery life from a single rechargeable C cell battery. 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.



Model	B5	B10	B25	B50	B100
Capacity	5lb (2.2kg)	10lb (4.5kg)	25lb (11kg)	50lb (22kg)	100lb (45kg)
Readability	0.001lb (0.5g)	0.002lb (1g)	0.005lb (2g)	0.01lb (5g)	0.02lb (10g)
Platform Dimensions	12" x 16"				

FEATURES

Very Accurate - Internal resolution up to 1 part in 500,000. Nominal resolution at 1 part in 5000.

Cost Effective - Includes features found on scales costing 5x more.

Extremely Durable - Rugged, water resistant construction. No moving parts. Stainless load cell and platform.

No Set Up or dealer services required. Automatic calibration. Adjustable leveling legs.

Adjustable Display - Easy to view from all angles.

Parts Counting Option - Sampling, 100 memory locations.

ADDITIONAL SPECIFICATIONS

Power Requirements - Uses supplied 3800mAh NiMH C cell battery. Two spare batteries are provided with recharger.

Accuracy - 0.1% of full scale

Tare, Zero Range - 100% of full scale

Operating Temp - 14°F to 104°F

Display - 1" easy to read LCD with status annunciators

Display Speed - 0.5 seconds, adjustable

Overload Condition - Display warning message at 102% of scale capacity. Mechanical stops prevent damage to 150% of capacity.

Electronics - 32-bit microcomputer circuitry, self-test feature. All electronics on 1-plug board for easy service.

Weighing Features - Adjustable constants, automatic calibration, 450 alphanumeric memory locations for tare, ID#s, etc.

Options - Infrared communications interface allows communication to non-hazardous areas, giving RS-232, analog and setpoint outputs

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.

Nonincendive 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(-C) 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**