



ArlynGuard-T Chlorine Ton Scales

INTRINSICALLY SAFE CHLORINE TON SCALES

www.arlynscales.com

Introducing industry's first and only Intrinsically Safe Chlorine Ton Scale. Many industrial environments prohibit the use of standard equipment, due to explosive, flammable or other hazardous conditions. Many of these situations require equipment that is Intrinsically Safe for use in Explosive Environments. The ArlynGuard T Chlorine Ton Scale is Intrinsically Safe for use in many hazardous area classes, divisions and groups. The T50 Series provide much better accuracy, much better corrosion resistance at a much better price. Unlike most "Tonner" scales that are usually equipped with aluminum or plated steel load cell sensors, the ArlynGuard T Intrinsically Safe Chlorine Ton Scales are driven by *four (4) heat treated, heavy duty stainless steel load sensors* which are bolted into protection pockets in the frame of the scale for *maximum ruggedness*.

The ArlynGuard T Series scale comes standard with an *intrinsically safe* 12-button fully graphical LCD display featuring a user friendly menu-driven interface. It can also be connected to a [Arlyn UpScale Touchscreen Indicator](#) (safe area) allowing advanced features such as Wi-Fi, integration to Google Spreadsheets, Barcode Scanning and Printing options. In addition, the scale can be tracked and monitored in the cloud on any device using the newly launched [AxChange Cloud Monitoring & Tracking System](#). AxChange allows you to monitor the status of the scales, capture weight data and other metrics, perform basic analysis and view live weight data in real time. Visit [Chlorine Ton Scales for Cylinders and Tanks](#) on our website for more information.

| Model | T50-S | T50-D |
|---------------------|-----------------|----------------|
| Capacity | 5000lb (2200kg) | 2x (5000lb) |
| Readability | 1lb (0.5kg) | |
| Configuration | Single | Dual |
| Platform Dimensions | 37" x 20" | 2x (37" x 20") |



FEATURE COMPARISON

| Specification | Arlyn T50 | Yellow Scale | Green Scale |
|----------------------|--------------------|----------------------------|----------------------------|
| Capacity | 5000lbs | 4000lbs | 4000lbs |
| Intrinsically Safe | Yes | No | No |
| Frame | Stainless Steel | Regular Steel | Regular Steel |
| Trunnions | UHMW Polyethylene | UHMW Polyethylene | UHMW Polyethylene |
| Pivot & Lever System | None | Susceptible to wear & tear | Susceptible to wear & tear |
| Accuracy | 0.1% of Full Scale | 0.5% of Full Scale | 0.25% of Full Scale |
| Number of Load Cells | 4 | 1 | 1 |
| Price | Low | High | High |

ADDITIONAL SPECIFICATIONS

Power Requirements - Uses supplied (3) NiMH AA Batteries. 1 extra set provided with recharger. **117/240V 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

Display - Intrinsically Safe for use in Hazardous/Classified Locations,

Display Speed - 0.5 seconds, adjustable

Weighing Features - Automatic calibration, eight unit conversions, net/gross, keyboard and digital tare with memory storage.

UpScale Indicator (Safe Area) - 7" color touchscreen, visually driven user interface, user programmable extended accuracy parameters, multiple screen format choices, battery backup.

Other Options - [AxChange Weight Monitoring & Tracking](#), RS-232, USB, Ethernet, Wi-Fi, 4-20mA Analog Output, label and ticket printers, Barcode Scanner, programmable setpoints for filling, mixing and monitoring, Email.

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, 520-1000L-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**