



# 620G Gas Cylinder Scales

FOR CYLINDERS, PAILS, CABINETS AND TANKS

[www.arlynscales.com](http://www.arlynscales.com)

Liquefied gas cylinders are used in numerous industrial processes. The semiconductor industry is one typical application. Monitoring the pressure in the cylinder is not an effective way to determine the amount of contents because the pressure will stay near maximum until just before the last of the gas is used.

Monitoring the weight is the most effective way to determine the amount remaining. Arlyn's Cylinder Scales are specifically designed for this purpose with industry standard capacities of 60lb and 300lbs. They use a special stainless steel load cell to provide a very thin platform with a size of 9.25" x 9.25". A platform measuring 14" x 14" is also available for our Liquid Tank scales. Weight can be read on a digital indicator, or output using 4-20mA, or any combination

Model	620-(4)-(I)-60	620-(4)-(I)-300	620-(4)-(I)-400
Capacity	60lb (27kg)	300lb (136kg)	400lb (181kg)
Readability	0.02lb (0.01kg)	0.1lb (0.05kg)	
Platform Dim.	9.25" x 9.25" (14" x 14" Optional)		
4-20mA or Indicator	(I) – Indicator <-> (4) – 4-20mA <-> (4-I) – Indicator & 4-20mA		



## FEATURES

**Very Thin Profile** - Loading and unloading heavy cylinders can be a difficult process. We have engineered our scales to ensure a low profile and to make this process easier. Our Cylinder Scale's profile is only 1 3/8" high!

**Very Versatile** - Available with different outputs, including 4 5 V or with a full functioned indicator that can be enhanced by a variety of computer output formats, including RS-232, Wi-Fi, Ethernet and USB

**High Precision** - Weights can be read as closely as 0.02 lb.

## ADDITIONAL SPECIFICATIONS

**Platform Material** – Stainless Steel

**Load Cell Material** – Stainless Steel

**Supports Material** – Aluminum

**Max Safe Load** – 150% Full Scale

**Full Scale Output** – 4-20mA [620G-4 models only]

**Zero Balance** – 4mA  $\pm$  0.2% [620G-4 models only]

**Excitation** – 12-30VDC [620G-4 models only]

**Accuracy and Repeatability** –

- $\pm$  0.1% Full Scale @ 20 °C
- $\pm$  0.25% Full Scale above operating temp. range

**Operating Temp Range** – -10 °C to 65 °C

**Zero Shift** –

- $\pm$  0.1mA / 30 days [620G-4 models only]
- $\pm$  0.625% Full Scale / 30 days [620G-I models only]

**Pig Tail Lead** – 4 conductor, jacketed & Shielded

**Relative Humidity** – 0-95% RH Non-Condensing

**Environmental** – Water Resistant (Not Submersible)

**Test Spec** – EMI/RFI Emission Suppression

