



MODEL 2352™ - 2353™ DIGITAL MULTI CYLINDER SCALE

- Solid - state operation by strain gauge transducer
- Electronics housed in NEMA 4x, UL approved enclosure to provide protection from acids
- Low profile platform design increases safety and ease of cylinder handling
- Multiple independent weighing platforms and digital liquid crystal displays
- Standard readability to 1 pound (kilogram)
- High accuracy of $\pm 0.5\%$ of capacity
- Readout in pounds or kilograms
- Indicators can be integral or remote mounted up to 200 feet (61 meters) away
- Corrosion resistant base of molded fiberglass reinforced thermoplastic construction
- Measures weight of liquefied chlorine, sulfur dioxide, ammonia, hydrogen chloride, carbon dioxide and other liquefied gases
- Self-locking knobs for adjusting tare weight
- Output 4-20 mA signal for permanent recording
- Optional low level relay contacts
- Patented



Designed to assist municipalities in meeting RMP regulations.

The Model 2352™ - 2353™ Digital Multi Cylinder Scale provides a means of measuring the weight of liquefied gas under pressure in order to determine a cylinder's content level. It is intended for use in chlorination and other gas feeding applications. More specifically, the Model 2352™ - 2353™ can be used to weigh liquefied chlorine, sulfur dioxide, ammonia, hydrogen chloride, or carbon dioxide packaged in cylinders.

The scale combines solid-state operation with a highly functional design. It features two independent liquid crystal displays (LCDs). The latter can be provided as integral on the pedestal or separately for remote mounting up to 200 feet (61 meters) away. The platforms have an extremely low profile for increased safety and ease of cylinder handling. The LCDs are large and readable to 1 lb. (1 kg) from up to 10 feet (3 m) away.

The Model 2352™ - 2353™ plugs into a wall power source and operates on 120 or 240 VAC, 50/60 Hz. Gas cylinders are easily rolled onto weighing

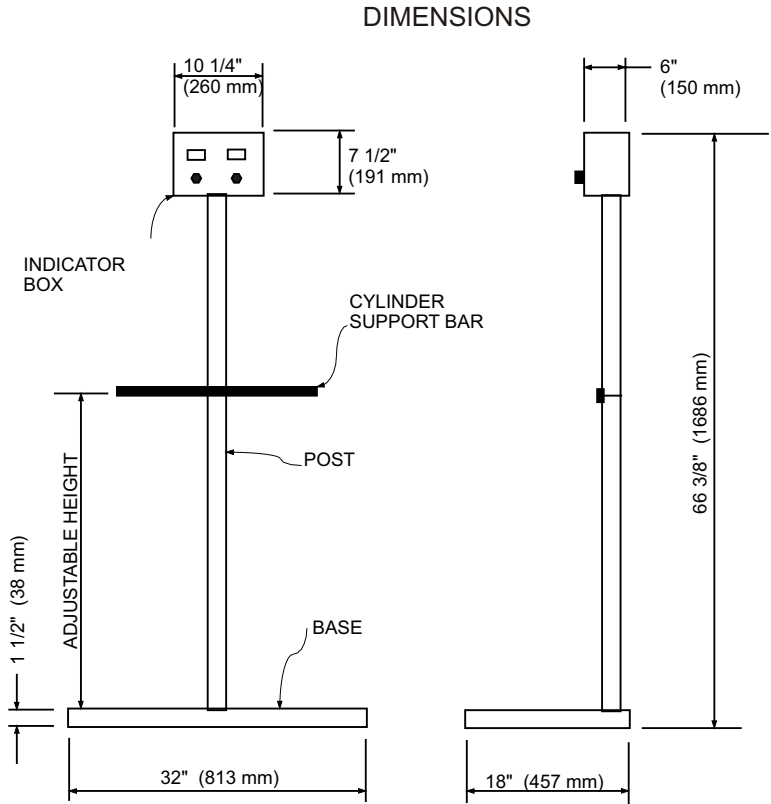
platforms and held in place by restraining chains. As the gas in each cylinder is used, the LCDs will continuously indicate the amount of gas remaining. Adjustable, self-locking knobs are provided so the operator can pre-set the tare weight or set the known weight of 150 lbs. (68 kg) per cylinder.

Capacity ranges for each platform are as follows: Gross, 0-349 lbs. (0-158 kg); Tare, 0-150 lbs. (0-68 kg) and Product, 0-199 lbs. (0-90 kg).

For operation, the scale employs temperature compensated strain gauge transducers. It offers high accuracy of $\pm 0.5\%$ of capacity.

The Model 2352™ - 2353™ has sturdy three point suspension and is built ruggedly for use in harsh environments. Scale base is made of corrosion resistant molded fiberglass reinforced thermoplastic. Display electronics are housed in NEMA 4x, UL approved enclosure to provide protection from harsh environments and prolong life of scale.

INDICATOR:	3-1/2 Digit
POWER:	120 VAC, 50/60 Hz, 0.3 A 240 VAC, 50/60 Hz, .15 A
PLATFORM HEIGHT:	1 1/2 inch high (38.1 mm)
ACCURACY:	0.5% of full scale
GROSS CAPACITY:	349 lb. (158 kg) per platform
RESOLUTION:	0.1 lb. (kg) to 300 lbs. (136.1 kg.)
4-20 mA:	Standard
LEVEL INDICATING/ RELAY CONTACTS:	Optional Low Level REED Relay contact(s)
ENCLOSURE:	NEMA 4x, UL Approved enclosure
SHIPPING WT:	27 lb. (base & indicator) 15 lb. (post)
PLATFORM SIZE:	32 inch (815mm) wide, 18 inch (457.2mm) length



STANDARD EQUIPMENT

- a. Multiple cylinder scale bases
- b. Electronic indicator housed in NEMA 4x, UL approved enclosure
- c. Stainless steel temperature compensated strain gauge transducers
- d. Self-locking tare adjustment knobs
- e. Cylinder support and chains
- f. 4-20 mA output each display

OPTIONS

- a. Low level relay contact
- b. 240 VAC power
- c. Remote mounting of indicator box
- d. Additional length of 8 conductor wire cable

TYPICAL SPECIFICATIONS

Scale must weigh 150 lb. cylinders. The accuracy must be at least 0.5% with cylinder placed anywhere on the platform. Digital readout must be an LCD Display with characters that are 0.5 inches high, with 0.1 lb. or 0.1 kg. resolution. Indicator is required to have 4-20mA output selectable as scale powered or loop powered for each readout, standard. Indicator must have a knob to set tare weight for each readout. The electronics must be housed in a NEMA 4X, UL approved enclosure. All base hardware must be stainless steel. Each post and cross bar shall be coated with dry powder polyester plastic. The entire base must be molded fiberglass reinforced thermoplastic construction to prevent corrosion.

Scale shall be a MODEL 2352™ or 2353™ as manufactured by Scaleton Industries Ltd., Plumsteadville, PA

5 year FULL warranty on ALL products.

*Patented

Design improvements may be made without notice.