**TYPICAL SPECIFICATION**

**SOLO® G2**

**55-GALLON DRUM SCALE**

**SPECIFICATION SECTION 11245 - Chemical Feeders**

**SPECIFICATION SECTION 11240 - Chemical Metering Pumps**

A quantity of \_\_\_\_drum scales of\_\_\_\_\_\_\_\_\_\_\_ lbs (kg.) capacity shall be provided and shall be of the digital readout/electronic load cell type. Scale platform shall be sized to accept an 18" (457mm) to 24" (610mm) diameter drum. Platform height shall be no more than 2" (51mm) to permit easy loading and unloading of drums. Platform scale coating system shall be a minimum dry thickness of 80 mils and be resistant to moisture, chemicals, abrasion, impact and UV light.

Scale shall be of the single load cell design. Weight shall be transferred via a pivoted platform to a single, NTEP approved load cell of the shear beam strain gauge type. Flexible cable shall connect load cell to indicator to allow easy remote installation of the readout. Cable length shall be \_\_\_\_\_ feet (20'/6M standard).

Indicator shall monitor\_\_\_\_\_\_\_\_\_(1 or 2 ) channels. The remote mounted LCD indicator shall carry CE marking and shall be housed in a NEMA 4X, UL approved enclosure. All operations shall be performed via a keypad with menu driven display prompts. No setting adjustment shall require entry into the enclosure. The alphanumeric LCD readout shall have backlighting for readability in low light conditions. Power requirement shall be 110/220 VAC.

A 6-digit numerical display shall give operator the ability to monitor chemical by weight (lb or kg) or volume (gallons or liters). A bar graph display shall read 0-100% for the net contents. A dual mode TARE key shall allow user to enter the tare weight of the vessel or enter the net weight of the chemical depending on application needs. A diagnostics menu shall allow recalibration without the need to apply field test weights. A user adjustable filter function shall stabilize display in the event of vibration from local pumps or mixers.

Indicator shall output net amount for each channel via a 4-20mA output for remote monitoring. Output span and trim shall be fully adjustable via the display and keypad. Indicator shall have four adjustable set points to display low or high level conditions on the indicator.

*OPTIONAL: Set points shall activate \_\_\_\_\_\_ (up to four) Form C dry contact relays rated at 2A@30VDC, 60W max power, 220VDC/250VAC max voltage.*

Scale shall carry a Full Five (5) Year Factory Warranty. “Limited” Warranties shall be considered unacceptable. Full scale accuracy shall be better than 1/4 of 1%. Scale shall be DRUMM-SCALE™ with TUF-COAT™coating, Model 27-DR\_\_\_\_DS\_\_ and SOLO® G2 digital display Model SRG2-\_\_\_ (1 or 2 channel), as manufactured by FORCE FLOW, 2430 Stanwell Drive, Concord, CA 94520 USA ([www.forceflowscales.com](http://www.forceflowscales.com)).

INDICATOR: **SRG2-1** One Channel

 **SRG2-2** Two Channel

PLATFORMS:

 TUF-COAT Platform: Model No. (Capacity) Metric Model (Capacity)

  **27-DR5DS** (500 lb) **27-DR2KDS** (250 kg)

  **27-DR10DS** (1,000 lb) **27-DR5KDS** (500 kg)

 Stainless Steel Platform:

 **27-DR5DSS** (500 lb) **27-DR2KDSS** (250 kg)

 **27-DR10DSS** (1,000 lb) **27-DR5KDSS** (500 kg)

Standard Drumm-Scale platforms are 27.5" x 27.5"

**55-Gallon DRUM/SOLOG2**

**REV: NOV2019**