



### **Specification for Model 4020™:**

The Drum/Cylinder Scale must be solid PVC and have all stainless steel hardware to prevent corrosion. There must be a provision for securing weigh frame to floor. The profile shall not exceed 1.75 inches (45mm) so as not to require a pit or ramp. No scale leveling is required. The load cells must be stainless steel and sealed against corrosive chemicals. Drums and cylinders can be placed anywhere on platform and weigh accurately. Base must be fully electronic with no mechanical lever system to corrode.

Scale shall be a Model 4020™ as manufactured by Scaleton Industries Ltd., Plumsteadville, PA.

### **Standard Indicator:**

3-1/2 Digit LCD Indicator: Indicator must be electronic with digital display with characters 0.5 inches high, with 0.1 lb. or 0.1 kg resolution and housed in a NEMA 4X, UL approved enclosure. Indicator is required to have 4-20mA output selectable as scale powered or loop powered, standard. Indicator must have a knob to set tare weight. Accuracy is 0.5% of full scale, or better.

### **Optional Indicators:**

4-1/2 Digit LED indicator: Indicator must be electronic with digital display with characters 0.56 inches high and housed in a NEMA 4X, UL approved enclosure. An output of 4-20 mA, 0-20 mA, or -8 to + 12 mA, selectable as scale or loop powered to provide versatility to interface with related equipment, must be standard equipment. Indicator comes with two low level relay contacts, standard. A knob to set tare weights is required. Indicator must be capable of 0.1 lb. or 0.1 kg up to 1000.0 lbs. or kg. Accuracy is 0.5% of full scale, or better.

5 Digit LCD Indicator: Indicator must be electronic with a two line, backlit alphanumeric digital display with characters 0.56 inches high and housed in a NEMA 4X, UL approved enclosure. Available as single or dual channel and capable of displaying two channels simultaneously. A loop powered programmable output of 4-20 mA and two set points per channel plus RS-232/485 communication ports, must be standard equipment. Indicator must be capable of 0.1 lb. or 0.1 kg up to 9999.0 lbs. or kg. Accuracy is 0.5% of full scale, or better.

Model 1099™ Chemical Process Controller see separate specification.

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