



## **Specification for Model 4040 IBC™**

The IBC Tote Bin Scale must have rugged steel frame that is zinc oxide primed and dry powder epoxy coated. The decking shall be solid, 1/2 inch thick PVC. All hardware shall be stainless steel. The height shall not exceed 3.5 inches (5 inches on 48" & larger bases) so as not to require a pit or ramp. Stainless steel leveling feet shall be supplied with 4 NTEP approved stainless steel shear beam cells. A four cell system is required for accurate reading so that off center loads may be placed anywhere on the base and still obtain an accurate reading.

Scale shall be a Model 4040 IBC™ 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/Controllers:**

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.

Model 1020™ 5 Digit LCD Controller: 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 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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