



Specification for Model 2305™

The Economical Digital Single Cylinder Scale must weigh 150 lb. cylinder. The base must be zinc oxide primed and dry powder epoxy coated steel with PVC decking to prevent corrosion. All base hardware must be stainless steel. There must be a provision for securing weigh frame to floor. The height shall not exceed 1.4 inches (36 mm) so as not to require a pit or ramp. The load cell must be NTEP approved, stainless steel shear beam cell. Cylinders shall be centered and placed against backstop. Base must be fully electronic with no mechanical lever system to corrode.

Scale shall be a Model 2305™ 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 Controllers:

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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