



Specification for Model 3001™ through Model 3006™

The Digital Ton and Multiple Ton Cylinder Scale must have rugged steel frame that is zinc oxide primed and dry powder epoxy coated. The scale must be smaller than the cylinder and tilt up for cleaning and inspection. There must be a provision for securing weigh frame to floor. The profile shall be ultra low so as not to require a pit. There must be means to level the frame built into the scale frame. The load cell must be NTEP approved stainless steel shear beam cell with a built-in mechanical overload stop to protect it from damage during rough cylinder loading. The frame must be dry powder polyester plastic coated. The trunnions shall be corrosion proof with UHMW polyethylene rollers, requiring no maintenance or greasing. Axles shall be made of stainless steel.

Scale shall be a Model 300__™ as manufactured by Scaleton Industries Ltd., Plumsteadville, PA.

Standard Indicator:

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.

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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