



## **Specification for Model 3050™**

The Ton Cylinder Scale Conversion Kit load cell must be adjustable in height so conversion does not require alteration of existing frame. There must be a means to level the frame built into the conversion kit. 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 load cell mount must be zinc oxide primed and dry powder epoxy coated to provide protection from harsh environments. The standard indicator must be electronic with a digital readout and housed in a NEMA 4x, UL approved fiberglass box. There shall be 4-20 mA, 0-20 mA and -8 to +12 mA output signals selectable as scale or loop powered to provide versatility to interface with related equipment. An adjustable low level contact closure is also required.

Scale shall be a Model 3050™ 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.

**Scaleton™ Industries, Ltd.**  
Bedminster Industrial Park  
53 Apple Tree Lane  
P.O. Box 365  
Plumsteadville, PA 18949 USA

**Toll Free: 1-800-257-5911 (USA & Canada)**  
Phone: (+1) 215-766-2670 (International)  
Fax: (+1) 215-766-2672  
E-mail: [info@scaletonscales.com](mailto:info@scaletonscales.com)  
Website: [www.scaletonscales.com](http://www.scaletonscales.com)