



Specification for Model 4042™:

The Integral Splash, Spill & Containment Scale must have rugged steel frame and shall be dry powder polyester plastic coated. The integral containment deck shall be solid polyethylene. (For Model 4042WB™ there must be enough floor space to allow the bladder to expand if there is a major spill). All hardware must be stainless steel. Scale frame height shall not exceed 1.5". Total height depends on containment capacity. Load cells must be sealed in gasketed PVC enclosure. All 4 load cells shall be located outside the chemical containment basin to eliminate damage due to chemical spills. Indicator must be electronic with digital readout and housed in a NEMA 4X, UL approved fiberglass enclosure. There shall be a 4-20 mA output signal.

Scale shall be a Model 4042™ 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.

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
Website: www.scaletonscales.com