



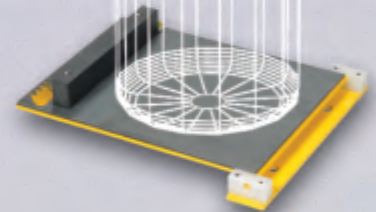
**Scaleton™  
Sets The Standard  
In Corrosion  
Resistance**

## **Model 2305™ Digital Single Cylinder Eco-Scale**

- Designed for weighing 10-1/2" diameter cylinders
- Base size: 12-5/8"x14-3/4"
- Gross capacity range: 44-265 lbs. (20-120 kg)
- High accuracy of  $\pm 0.5\%$  of capacity
- Standard indicator: 3-1/2 digit LCD display with easy readability to 1 lb. (kg) or 0.1 lb. (kg)
- Readout in pounds or kilograms
- Simple one load cell design



3-1/2 Digit Controller  
(Standard)



### **Standard Features**

- Rugged steel construction protected by a corrosion resistant finish, with solid 1/8" PVC decking for use in harsh environments
- Low profile platform design increases safety and ease of cylinder handling
- Electronic indicator housed in NEMA 4X, UL approved enclosure to provide protection from acids
- Stainless steel load cell
- Self-locking tare adjustment knob
- 4-20 mA output signal – scale or loop powered
- 12 ft. of 4 conductor wire cable
- Cylinder support with tool rack and chains

### **Options**

- Low level relay contacts
- Remote mounting of indicator box up to 200 feet (61 meters) away
- Junction box
- Additional length of 4 conductor wire cable

### **Chemicals**

Scale is designed to accurately measure weight of alum, ammonia, caustic, fluoride, phosphate, polymers, sodium aluminate, sodium bisulfate, sodium hydroxide, sodium hypochlorite and other liquids or powders

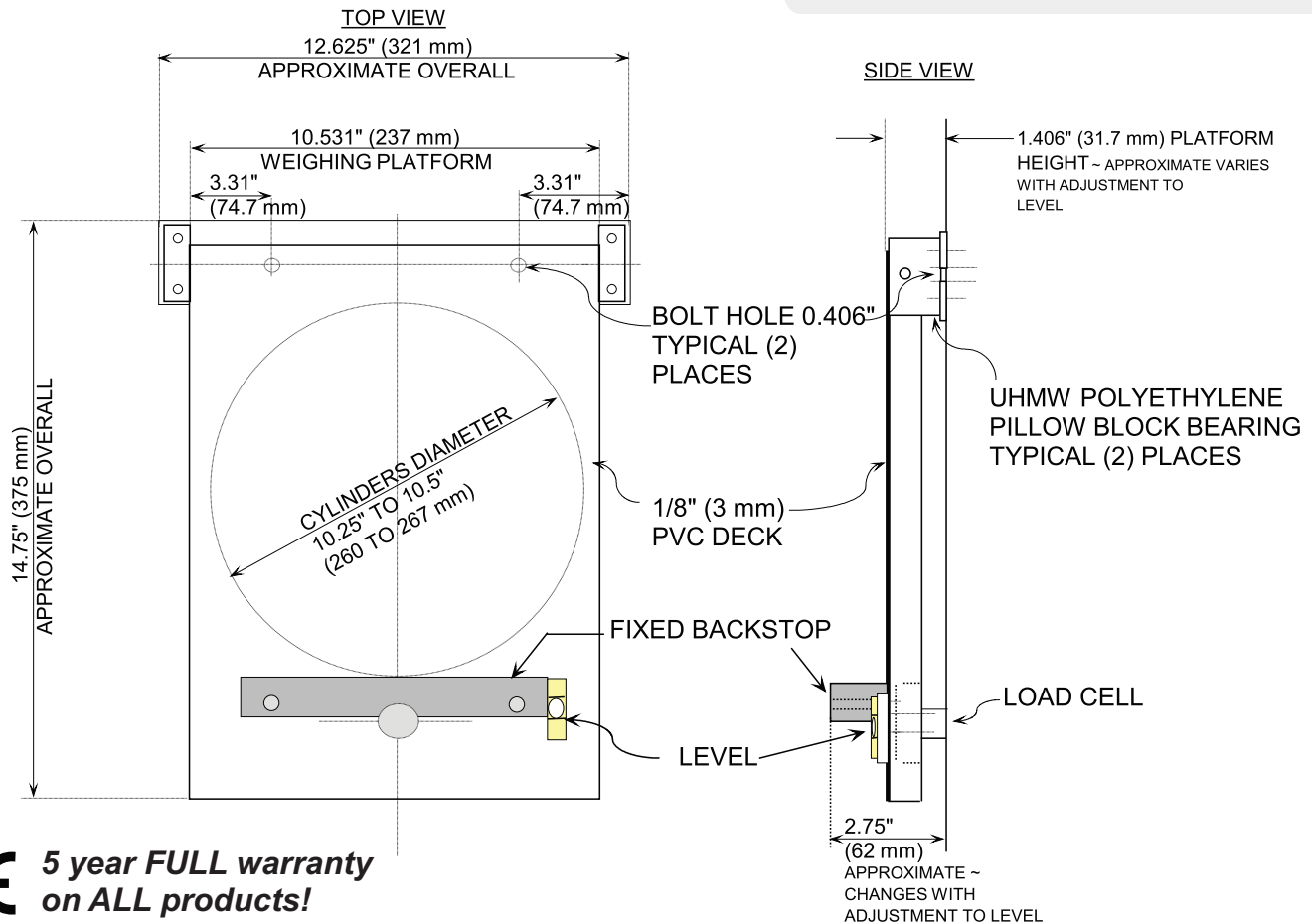
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# Model 2305™ Digital Single Cylinder Eco-Scale General Specifications



**CE** 5 year **FULL** warranty on **ALL** products!

|  |  |
|--|--|
| <b>Indicator:</b>                            | <b>3-1/2 Digit</b>   |
| <b>Platform Size:</b>                        | 12-5/8" (321 mm) wide x 14-3/4" (375 mm) deep – custom sizes available |
| <b>Platform Height:</b>                      | 1.4" (35.6 mm)   |
| <b>Gross Capacity:</b>                       | 44 to 265 lbs. (20 to 120 kg) – custom capacities available            |
| <b>Accuracy:</b>                             | ±0.5% of full capacity   |
| <b>Resolution:</b>                           | 0.1 lb. (kg) up to 199.9 lbs. (kg)                                     |
| <b>4-20 mA:</b>                              | Standard – scale or loop powered                                       |
| <b>Level Indication/<br/>Relay Contacts:</b> | Optional low level REED relay contact(s)                               |
| <b>Power:</b>                                | 85 VAC to 265 VAC, 50/60 Hz  |
| <b>Enclosure:</b>                            | NEMA 4X, UL Approved Enclosure   |
| <b>Shipping Weight:</b>                      | 23 lbs.  |

## Typical Specifications

Scale must weigh 150 lb. cylinder. The accuracy must be at least 0.5%. Digital readout must be an LCD Display with characters that are 0.5 inches high, with 0.1 lb. or 0.1 kg resolution. Indicator is required to have 4-20 mA output selectable as scale powered or loop powered, standard. Indicator must have a knob to set tare weight. The electronics must be housed in a NEMA 4X, UL approved enclosure. All base hardware must be stainless steel. The base must be dry polyester plastic coated with a PVC deck to prevent corrosion.

Scale shall be a Model 2305™ as manufactured by Scaleton Industries Ltd., Plumsteadville, PA.



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