

Model 2305™ Economical Digital Single Cylinder Scale

- Designed for weighing cylinders up to 12" in diameter
- Base size: 12-5/8" x 14-3/4"
- Net capacity: Up to 150 lbs. (68 or 70 kg)
- High accuracy of $\pm 0.25\%$ of capacity
- Single or multi-channel controllers with easy readability to 0.1 lb. (kg)
- Readout in pounds, kilograms, gallons or liters



Economical Scale is Designed for Weighing Gas Cylinders

Model 2305 is designed for weighing gas cylinders up to 12" diameter. Featuring an economical single load cell design, the low-profile base and adjustable backstop allows for safe and easy handling and centering of cylinders. MADE IN USA.

Standard Features

- Rugged steel construction protected by a corrosion resistant, zinc oxide primed and dry powder epoxy coated finish, with solid 1/4" PVC decking for use in harsh environments
- Low profile platform (1.56") design increases safety and ease of cylinder handling
- Designed for centered loads – includes heavy-duty steel backstop with measuring guides to help position the cylinder
- Stainless steel, temperature compensated button load cell
- All hardware is stainless steel to prevent corrosion
- Mounting holes for securing base frame to floor
- Electronic indicator housed in NEMA 4X, UL approved enclosure to provide protection from acids
- 12 ft. of 4 conductor wire cable
- Cylinder support with tool rack and chains

Available Controllers

- AccuPro 5000 Digital Controller with one or 2 channels, encoder knob or 3 button keypad, audible alarm and 4-20 mA output signal – scale or loop powered
- Model 1099 Chemical Process Controller with 1 to 4 channels, 20 button keypad and 4-20 mA output signal – scale or loop powered

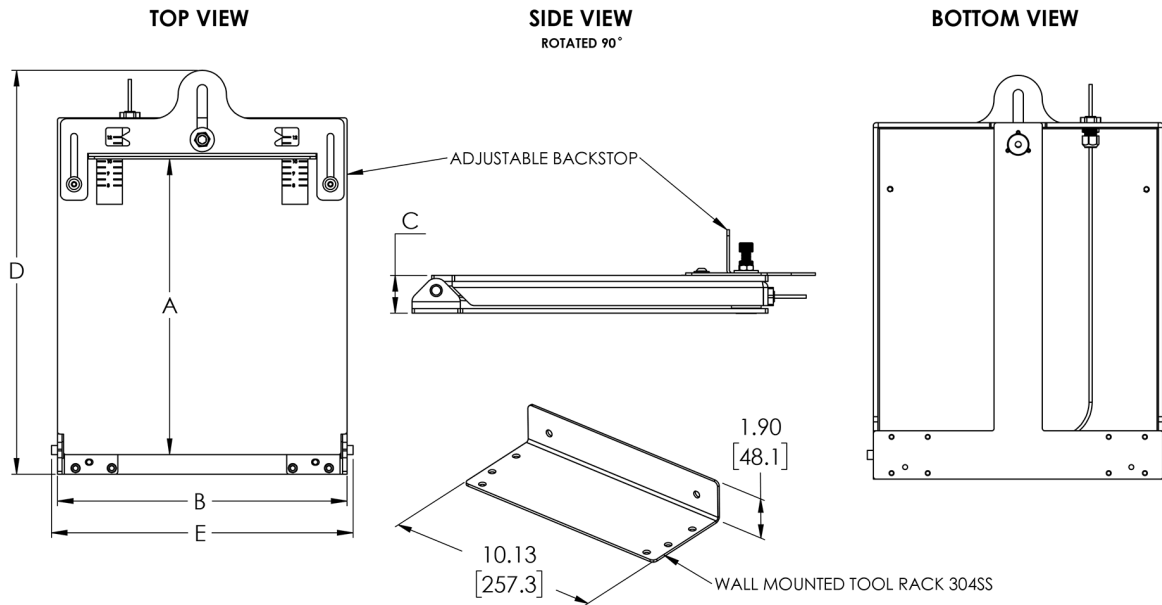
Options

- High and low level set points
- 0-5V or 0-10V output signal
- Remote mounting of indicator box up to 200 feet away

Chemicals

- Scale is designed to accurately measure weight of Scale is designed to accurately measure weight of ammonia, carbon dioxide, hydrogen chloride, liquefied chlorine, sulfur dioxide and other liquid gases

Model 2305™ Economical Digital Single Cylinder Scale Specifications



Scale Base

| PART NUMBER | 2305 |
|---------------------|------------------------------|
| Platform Length (A) | 12.24" (311 mm) |
| Platform Width (B) | 12.0" (309 mm) |
| C | 1.56" (40 mm) |
| D | 16.72" (425 mm) |
| E | 12.5" (318 mm) |
| Gross Capacity | Up to 150 lbs. (68 or 70 kg) |
| Weight | 23 lbs. |

Digital Controllers

| PART NUMBER | ACCUPRO 5000-EK | ACCUPRO 5000-PB | 1099 C.P.C. |
|-----------------|---|---|--|
| Interface | Encoder knob | Keypad with three (3) push buttons | 20 Button keypad |
| Accuracy | ±0.1% to ±0.25% of full scale capacity | ±0.1% to ±0.25% of full scale capacity | ±0.1% to 0.25% of full scale capacity |
| Display | 6 Digit alphanumeric backlit LCD | 6 Digit alphanumeric backlit LCD | 6 Digit LED & alphanumeric backlit LCD |
| Display Units | Pounds, kilograms, gallons or liters | Pounds, kilograms, gallons or liters | Pounds, kilograms, gallons or liters |
| Channels | 1 or 2 - One scale base per channel | 1 or 2 - One scale base per channel | Up to 4 |
| 4-20 mA | 4-20mA Standard, 0-5V or 0-10V optional - 1 Output per channel, scale or loop powered | 4-20mA Standard, 0-5V or 0-10V optional - 1 Output per channel, scale or loop powered | Standard on channel 1 - Loop powered (available for channels 2 thru 4) |
| Set Points | 2 or 4 Per channel (high or low) | 2 or 4 Per channel (high or low) | 1 to 4 (high or low) |
| Remote Mounting | Up to 200 feet from base frame | Up to 200 feet from base frame | Up to 200 feet from base frame |
| Audible Alarm | Piezo buzzer with adjustable volume | Piezo buzzer with adjustable volume | Optional piezo buzzer with adjustable volume |
| Power | 120/240 VAC, 50/60 Hz, 0.10/0.05A | 120/240 VAC, 50/60 Hz, 0.10/0.05A | 120/240 VAC, 50/60 Hz, 0.10/0.05A |
| Enclosure | NEMA 4X, UL approved enclosure | NEMA 4X, UL approved enclosure | NEMA 4X, UL approved enclosure |
| Weight | 7 lbs. | 7 lbs. | 9 lbs. |

Scaleton Industries Ltd.

Bedminster Industrial Park
53 Apple Tree Lane • P.O. Box 365
Plumsteadville, PA 18949 • USA

Tel: (+1) 215-766-2670 (International)
Tel: (+1) 800-257-5911 (USA & Canada)
Fax: (+1) 215-766-2672

Email: info@scaletonscales.com
Website: www.scaletonscales.com