# SCALETRON™ INDUSTRIES, LTD.

*SCALETRON™ SETS THE STANDARD IN CORROSION RESISTANCE™*

## 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 ±0.25% of capacity**

- **Single or multi-channel controllers with easy readability to 0.1 lb. (kg)**

- **Readout in pounds, kilograms, gallons or liters**

| AccuPro 5000-EK Controller with Encoder Knob | AccuPro 5000-PB Controller with 3 Button Keypad | AccuPro 6000-TS Controller with Touch Screen | AccuPro 7000-TS Controller with Touch Screen |
|---|---|---|---|

FIVE YEAR FULL WARRANTY — **5** — ON ALL SCALE PRODUCTS

## 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-EK/PB™ with one or 2 channels, encoder knob or 3 button keypad, audible alarm and 4-20 mA output – scale or loop powered
- AccuPro 6000™ with one or 2 channels or AccuPro 7000™ with up to 4 channels, touch screen, optional audible alarm and 4-20 mA outputs – scale powered
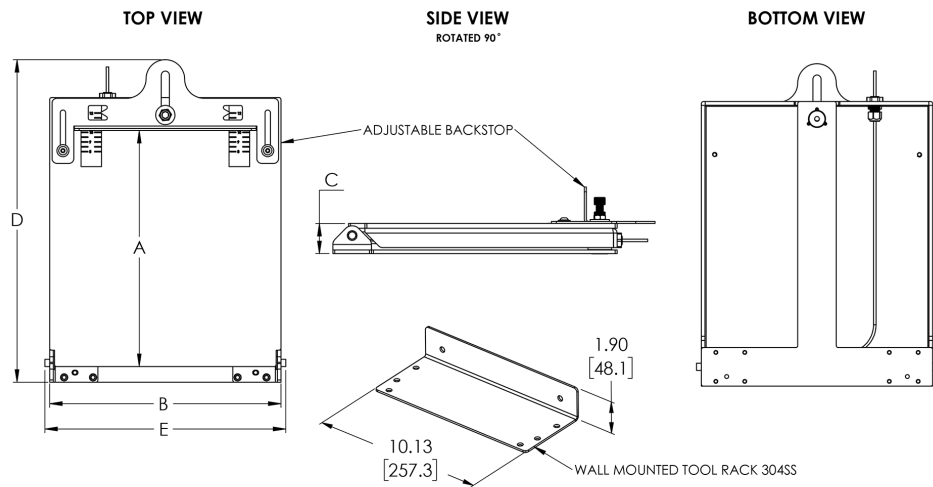
### Options
- High and low level set points
- 0-5V or 0-10V output signal
- Remote mounting of indicator box up to 200 feet away

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

**TOP VIEW**

**SIDE VIEW** ROTATED 90°

**BOTTOM VIEW**

ADJUSTABLE BACKSTOP

1.90 [48.1]

10.13 [257.3]

WALL MOUNTED TOOL RACK 304SS

## 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 or PB | ACCUPRO 6000-TS | ACCUPRO 7000-TS |
|---|---|---|---|
| Interface | Encoder knob or 3 button keypad | Touch screen | Touch screen |
| 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 | 2 Line x 16 character alphanumeric backlit LCD with 6 digits for weight | 4.3" Graphic color touch screen display with adjustable brightness | 4.3" Graphic color LCD touch screen display with adjustable brightness |
| Display Items | Net weight plus bar graph with net weight, gross weight and tare adjustment | Net and gross weight, % and bar graphs plus mA out, tare adjustment and set point values | Net and gross weight, % and bar graphs; mA out, tare adj., set points; data log, feed rate, daily usage, amount used, days till empty; batch net wt, batch and total amount, time |
| Channels | 1 or 2 - One scale base per channel | 1 or 2 - One scale base per channel | Up to 4 - One scale base per channel |
| Output Signal | 4-20mA Standard, 0-5V or 0-10V optional – scale or loop powered | 4-20mA Standard - scale powered | 4-20mA Optional - scale powered |
| Set Points | 2 or 4 Per channel (high or low) | 2 or 4 Per channel (high or low) | 2 or 4 Per channel (high or low) - max. 8 |
| Remote Option | Up to 200 feet from base frame | Up to 200 feet from base frame | Up to 200 feet from base frame |
| Audible Alarm | 78 dB Internal piezo buzzer, adjustable volume, external buzzer support | Optional 78 dB internal piezo buzzer, external buzzer support | Optional 78 dB internal piezo buzzer, external buzzer support |
| Communication Option | | Modbus TCP or RTU | Modbus TCP or RTU |
| Power | 90/240 VAC, 50/60Hz, 0.10/00.5A | 100/277 VAC, 50/60 Hz, 0.10/0.05A | 100/277 VAC, 50/60 Hz, 0.10/0.05A |
| Weight | NEMA 4X, UL approved enclosure | NEMA 4X, UL approved enclosure | NEMA 4X, UL approved enclosure |
| Enclosure | 7lbs. | 7lbs. | 7lbs. |