

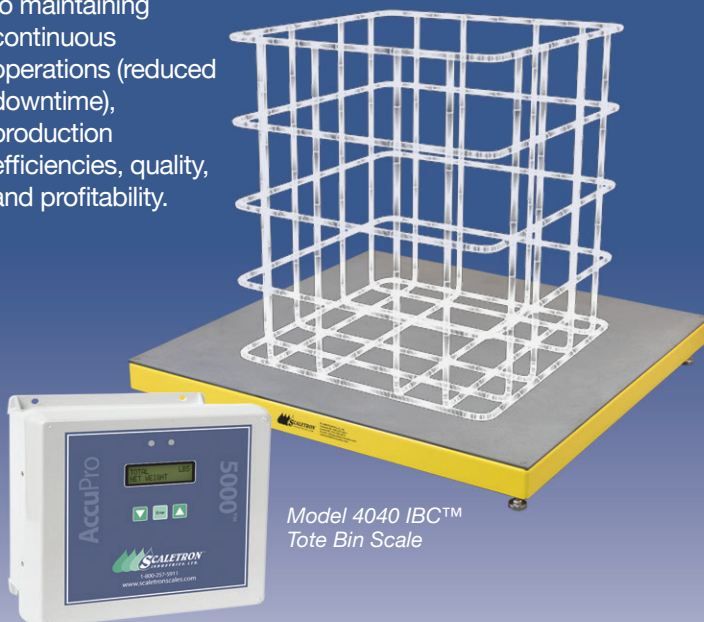
# Weighing Solutions for the Oil & Gas and Biofuel Industries

## The Leader in Corrosion Resistant Scales for Oil, Gas and Biofuel Applications

Scaleton is the leader in corrosion resistant technology for scales used in harsh environments. We manufacture a complete line of scales and accessories designed for weighing and monitoring the usage, feed rate and inventory of corrosive chemicals and/or materials.

From the refining of oil, gas and petroleum products to the production of biofuels, weighing technology from Scaleton ensures reliable and accurate measurement of chemicals during the manufacturing processes to maintain high levels of product purity.

The production of petroleum and biofuel products requires exacting and complex procedures to manufacture fuels that meet the users needs for process efficiency and safety as well as complying with environmental regulations. During these processes monitoring chemical feed rates via weight is vital to maintaining continuous operations (reduced downtime), production efficiencies, quality, and profitability.



Model 4040 IBC™  
Tote Bin Scale

## Features and Benefits of Scaleton Scales

- **Safety** – Protects operator/worker safety by early detection of chemical exposure.
- **Accuracy** – Insures accurate tracking of chemical usage and inventory.
- **Regulatory Compliance** – Meets government and municipal regulations for safety and record keeping in the handling of water treatment chemicals.
- **Cost Savings** – Prevents overfeeding of expensive chemicals through accurate feed rates.
- **Corrosion Resistant Construction** – Rugged molded fiberglass reinforced thermoplastic or steel with protective finish and solid PVC deck.
- **Low Profile Platform Design** – Increases safety and ease of cylinder handling.
- **Ease of Use** - LCD display with encoder knob or keypad input and multi-level menu system.
- **Remote Capability** – Provides scale weights from remote locations via 4-20mA output signal.
- **Extended Warranty** – 5 Year full warranty on all products.



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## Meeting the Weighing Needs of the Oil & Gas and Biofuel Industries

We meet the needs of the oil and gas, and biofuel industries by providing reliable, accurate and safe methods to weigh chemicals used in the production of biofuels and petroleum products.

Chemicals used are typically stored in pressurized cylinders, ton cylinders or dewars as a liquified gas, or in liquid form in drums, tanks, carboys or IBC totes. For both safety and general production considerations, it is extremely important to be able to monitor the level of product remaining in a tank. In addition, problems caused by excessive or interrupted gas flow during the production process can be extremely costly.

Typical chemicals include:

- Amines and hydrogen for refining
- Ammonia, biocides, chlorine, phosphates, polymers and sulfur dioxide for water treatment

Scaleton's scales can be found in many oil and gas refining, and biofuel processing applications including:

- Light distillates - gasoline, diesel fuel, liquified petroleum gas (LPG), naphtha
- Middle distillates - heating oil, kerosene, jet fuel
- Heavy distillates - lubricating oils, wax, tar, asphalt
- Renewable energy - ethanol and biodiesel
- Wastewater and cooling tower water treatment

Whether the application requires a standard or custom weighing system, Scaleton's engineers will help find the right solution to best meet your weighing needs.

Please visit [www.scaletonscales.com](http://www.scaletonscales.com) for products, specifications, and technical data. Our online Request for Quote (RFQ) is available 24/7.

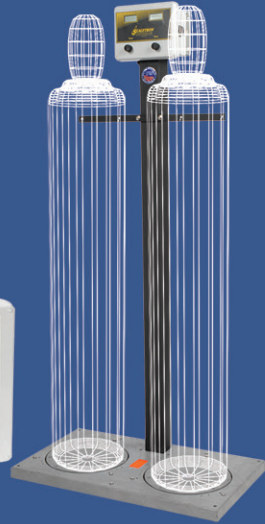


## Scaleton Scale Models Designed for Oil, Gas and Biofuel Applications

(other models including ton cylinder scales available)

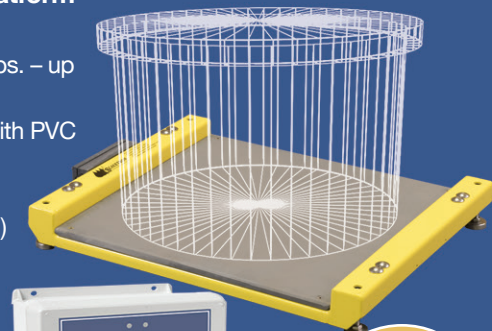
### Model 2350™ Digital Dual Cylinder Scale

- Net capacity 150 lbs. per disk – up to 12" dia.
- Fiberglass reinforced plastic base
- LCD display with readout to .1 lb. (kg)
- 4-20mA output and set point relays



### Model 4041™ Ultra-Low Profile Platform Scale

- Net capacity 1,000 lbs. – up to 30" x 30"
- Coated steel base with PVC deck
- LCD display with readout to 0.1 lb. (kg)
- 4-20mA output and set point relays – up to 48" dia.



### Model 4042-63 IBC™ Spill Containment Tote Scale

- Net Capacity 8,000 lbs. – up to 63" x 63"
- Coated steel base with polyethylene deck and basin
- LCD display with readout to .1 lb. (kg)
- 4-20mA output and set point relays

