

# Weighing Solutions for Municipal Water Treatment

## The Leader in Corrosion Resistant Scales for Municipal Water Treatment 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 rural well heads and private water plants to large-scale metropolitan water utilities, weighing technology from Scaleton insures that the proper levels of chemicals are injected into the system to provide a safe source of water supply for their customers.

The water treatment process uses a variety of chemicals in order to render both surface and ground water potable and palatable. Chemicals are used to destroy harmful organisms, remove color and ammonia compounds, eliminate hydrogen sulfide, oxidize iron and manganese to insoluble forms, and reduce undesirable taste and odors. During these processes monitoring chemical feed rates via weight is vital to maintaining the water quality.



Model 4042-26™  
Spill Containment 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 Municipal Water Treatment Industry

We meet the needs of municipal water treatment facilities by providing reliable, accurate and safe methods to weigh chemicals used to treat and clarify water for safe human consumption.

Chemicals used during this process are typically stored in a 150 lb. cylinder or ton cylinder as a liquefied gas, or in a day tank, drum or IBC tote as a liquid. Monitoring the feed rates via weight is vital to maintaining the water quality. If a cylinder is not replaced or refilled before it is depleted, the proper amount of purifying chemicals will not be added to the water, potentially posing serious health issues.

Chemicals that need to be weighed are highly corrosive if used in the wrong amounts and toxic, requiring safe handling. Typical chemicals include:

- Ammonia
- Caustic soda
- Chlorine
- Fluoride
- Sodium hypochlorite

Scaleton's scales can be found in many private and municipal water applications including:

- Bacteria and coliform removal
- Chemical removal
- Metals removal
- pH adjustment

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.

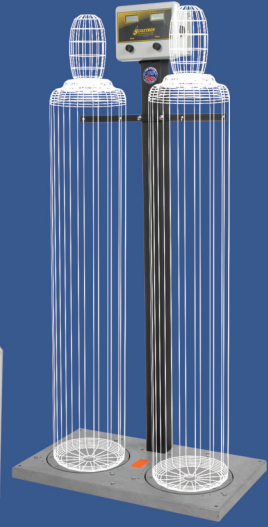


## Scaleton Scale Models Designed for Municipal Water Treatment Applications

(other models and capacities available)

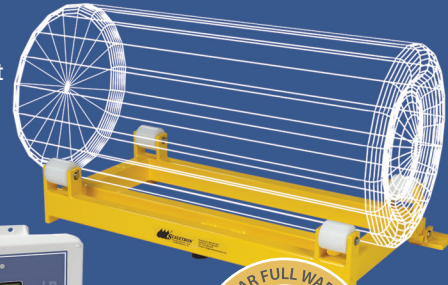
### Model 2350™ Digital Dual Cylinder Scale

- 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 3000™ Ton Cylinder Scale

- Net capacity 2,000 lbs. per base – up to 39" dia.
- Coated steel base
- LCD display with readout to 0.1 lb. (kg)
- 4-20mA output and set point relays



### Model 4010™ Digital Tank Scale

- Net capacity 5,000 lbs. – up to 48" dia.
- Coated steel base with PVC deck
- LED or LCD display with readout to 0.1 lb. (kg)
- LCD display with readout to 0.1 lb. (kg)
- 4-20mA output and set point relays

