Weighing Solutions for Industrial Process Water & Wastewater Treatment

The Leader in Corrosion Resistant Scales for Industrial Process Water and Wastewater Applications

Scaletron 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 plant air conditioning and heating systems to manufacturing processes including steam, chilled water and wastewater, weighing technology from Scaletron insures that the proper levels of chemicals are injected into the system to ensure the safe, efficient and economical operation of the equipment.

The industrial water treatment process uses a variety of chemicals to prevent scale and corrosion; metal passivation; foaming and biological growths. During these processes monitoring chemical feed rates via weight is vital to maintaining continuous operations (reduced downtime), production efficiencies, quality, and profitability.

Features and Benefits of Scaletron 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** – Mechanical, LED or LCD display with easy readability and knob controlled tare.
- **Remote Capability** – Provides scale weights from remote locations via 4-20mA output signal.
- **Extended Warranty** – 5 Year full warranty on all products.

Model 4042ECO-26™ Spill Containment Scale

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www.scaletronscales.com
Meeting the Weighing Needs of the Industrial Process Water & Wastewater Industry

We meet the needs of industrial facilities and manufacturing plants by providing reliable, accurate and safe methods to weigh chemicals used to treat water used in industrial processes; boilers and cooling systems; and waste treatment systems.

Chemicals used during this process are typically stored in a 150 lb. cylinder or ton cylinder as a liquefied gas or in a tank or drum 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 chemicals will not be added to the water, potentially resulting in damage to the equipment and downtime.

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

- Ammonia
- Biocides
- Chlorine
- Phosphates
- Polymers
- Sulfur dioxide

Scaletron’s scales can be found in many industrial process water and wastewater applications including:

- Boiler, heat exchanger, and cooling water treatment
- Manufacturing of plastics and rubber; glass; fertilizers; and pulp and paper
- Mining; cement; iron and steel; and metals processing
- Food processing water treatment
- Influent and effluent wastewater treatment

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

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

Scaletron Scale Models Designed for Industrial Process Water & Wastewater Applications
(Other models and capacities available)

Model 2350™
Digital Dual Cylinder Scale
- Electronic scale with 4-20mA output
- LCD display with readout to .1 lb. (kg)
- Fiberglass reinforced plastic base
- Capacity 349 lbs. – up to 12” cylinder

Model 3001-3006™
Ton Cylinder Scale
- Electronic scale with 4-20mA output
- LED or LCD display with readout to 0.1 lb. (kg)
- Coated steel base
- Capacity 4000 lbs. per base

Model 4021™
Ultra-low Profile Drum Scale
- Electronic scale with 4-20mA output
- Coated steel base with PVC deck
- LED or LCD display with readout to 0.1 lb. (kg)
- Capacity 1500 lbs. – up to 26” dia.