



Instrumentation & Process Control

From simple weight indicators and remote displays to complex batching and process control, Rice Lake has a complete offering of stainless steel and NEMA Type 4X equipment to meet the demands of many industrial applications.



TS Series Balance

Featuring an attractive polished stainless steel finish, the IP65 rated TS Series tuning fork balance withstands harsh environments, dust, mist and splashes. The TS design is exceptionally easy to clean while the RS-232 port quickly transfers weight data from the production line to a PC or printer. It is available in 620 gram, 6,200 gram and 8,200 gram capacities, and has a battery option when portability is required.



RoughDeck® FLOOR SCALES

Known as the toughest, most accurate floor scales in existence

We've taken the legendary RoughDeck design and customized it for food, chemical and other frequent washdown applications. Rice Lake carries five variations of the RoughDeck in durable 304 stainless steel construction. Each model comes with four IP67 welded-seal load cells and a remotely mounted TuffSeal™ JB4SS stainless steel NEMA Type 4X junction box. Sensitive electronics remain protected even as the scale is aggressively washed. Each of these durable and easy-to-clean designs comes standard in capacities of 2,000 to 10,000 pounds. Custom sizes and pit frames and ramps are available.



AutoLift HE

**Diamond treadplate optional.*

Designed for pit-type installations, the AutoLift hostile environment scale has an added lifting feature. Powerful pneumatic arms lift the entire smooth-top deck and frame for thorough cleaning underneath. The design includes a manual drop-in bar to ensure safety.

RoughDeck® QC

**Diamond treadplate optional.*

The RoughDeck QC is an ideal solution for efficiency and safety when cleaning cycles are tight. This model offers a convenient lifting feature, using extra strength gas-shock cylinders. The smooth top plate easily lifts away from the frame, then closes gently and locks in place. For added safety and convenience, a manual support bar swings into action during extended underdeck cleaning.

RoughDeck® HE

**Diamond treadplate optional.*

The RoughDeck HE is a hostile environment floor scale designed specifically for corrosion resistance and long life. This simple, stationary deck with a smooth stainless steel top plate provides classic RoughDeck durability.

RoughDeck® SD

The sanitary deck model offers a smooth and sanitary polyethylene deck that can be manually raised for easy cleaning underneath. The RoughDeck SD has all of the durability of the RoughDeck design in a simple, straightforward and washdown package.



**Diamond treadplate optional.*



RoughDeck® FLOOR SCALES

RoughDeck® QC-X

**Diamond treadplate optional.*

For ultimate microbial resistance in sanitary environments, the RoughDeck QC-X washdown floor scale is designed to create ideal cleaning conditions for strict sanitation requirements. The QC-X base is composed of solid stainless steel vertical plates—providing superior protection against bacteria and contaminant growth. The top plate opens to 75 degrees, allowing the entire scale interior to be washed and inspected. The RoughDeck QC-X is ideal for food processing, pharmaceutical and chemical applications.



Monorail Scales

Rice Lake's line of food-grade monorail scales includes both permanent and portable models with eight-inch live rail and capacities from 750 to 4,000 pounds. Each system features a washable data-collection console that transmits weight data to printers, computers or ERP systems. Displays are available in either LCD or LED for viewing in any environment.

Washdown Solutions

Industrial-strength equipment for the wettest, most demanding jobs

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MotoWeigh

In-Motion Solutions

MotoWeigh in-motion systems offer proven features and options to adapt to any enterprise. Built with food-grade stainless steel, this rugged and dependable line was created for the most demanding industrial jobs. Wet food processing and produce-packaging plants can count on many years of solid, trouble-free operation from MotoWeigh equipment.

All MotoWeigh systems come standard with Intralox® belting for a lifetime of dependable use. MotoWeigh systems can be networked to a PC via serial, Ethernet, Wireless LAN (Wi-Fi) or other PLC protocols—giving supervisors the freedom to remotely monitor scale data as it happens.

For safety and security conscious facilities, there's even more to like about the MotoWeigh design. The lockable control panel, available with UL508 approval, houses the VFD control for altering conveyor speed as well as the main power disconnect for lock-out/tag-out procedures.

920i® Digital Controller with MotoWeigh

Each MotoWeigh system includes Rice Lake's 920i digital controller, bringing the flexibility to accomplish almost any task at hand. Program your system with up to four security levels and assign different permissions to each, such as operators, line leads, supervisors and managers. An impressive amount of storage capacity lets businesses program and store data for as many as 1,000 unique products, each with editable fields for description, tare weight, unit and zone ranges. A statistics screen then displays real-time monitoring of five separate weight zones, clearly displaying how product measures up within a targeted weight range.

The statistics screen shows real-time monitoring of five pre-programmed weight zones, both per unit and cumulatively, illustrating where product falls within a targeted weight range.

Checkweighers

MotoWeigh checkweighers deliver fast, accurate and reliable verification of targeted weight data. Consolidate production space with a multi-lane version and control up to four lanes of operation. MotoWeigh checkweighers also accommodate a large assortment of options. Choose from reject methods such as pneumatic pushers, drop-down conveyors, arm diverters and conveyor stops. Bar code verification is also available.

Metal Detection Systems

MotoWeigh metal detection systems are designed to detect disturbances in a generated magnetic field, making them better suited than x-ray systems for products varying in size, shape and orientation. MotoWeigh metal detection systems arrive factory programmed to detect spherical metallic contaminants. Food-grade, stainless steel washdown design MotoWeigh models can be quickly disassembled with modular, variable-speed belting that removes easily for cleaning and sanitation.

Conveyor Scales

Even the bulkiest product can be processed with ease using MotoWeigh conveyor scale technology. These systems accommodate capacities ranging from 10 to 200 pounds along with Legal for Trade applications up to 60 units per minute at 2,000 divisions. Non-Legal for Trade applications can weigh up to 80 units per minute at 4,000 divisions. Fast and accurate, MotoWeigh conveyor scales enhance any fast-paced production line and offer the convenience of providing statistics for every unit weighed.

Conveyors

Easily customized to any configuration, MotoWeigh conveyors are preferred for their straightforward bolt-together design and easy access to all direct contact surfaces. These conveyors utilize a special cleaning system that allows access for cleaning even while in motion. Standard lengths of 1, 2, 3, 5 and 10 feet allow easy changing of conveyor lengths without replacing existing equipment. Custom lengths and curved sections are also available to build a conveyor system unique to a specific process.

Weigh Price Labeling/Printing Systems

WPL systems are stand-alone units with existing in-motion equipment, or integrate directly into your conveyor scale system. Weigh, price and label a wide variety of packages, boxes and bags using single or multiple applicators. WPL systems come standard with the Datamax® print engine. The WPL will have your process at peak performance with speeds up to 40 labels per minute. For easier mobility during cleaning, our printer portability option is the perfect choice.



CW-90X

CW-90X Over/Under Checkweigher

You won't find a more robust benchtop checkweigher than Rice Lake's CW-90X. This design boasts an IP69K rating for both the load cell and indicator. The CW-90X is constructed of 304 stainless steel for the ultimate in corrosion resistance and strength. A super-tough piezo keypad withstands sharp knife point contacts, and the standard GORE® membrane vent adds even more moisture protection. Match the practical and easy-to-use features of Rice Lake's CW-90X with any washdown or food industry application.



SST3

SURVIVOR® SST3® Printer

Rice Lake's IP69K rated SURVIVOR® SST3® label printer was designed with the harshest washdown applications in mind. The SST3 is housed in an armor-like barrier of 304 stainless steel and features an advanced gasket design. Print high-quality labels or tags at speeds up to 10 inches per second. Optional wireless capabilities allow for placement in nearly any location. The most advanced technology and capabilities make the SST3 ideal for today's food and chemical processing needs.



Load Cells and Mounts

Rice Lake offers the most complete selection of load cells and mounts in the industry, including models specifically for washdown settings. Rice Lake's scale dealers and in-house application specialists can assist in selecting the best solution for each application, whether Legal for Trade, washdown, high temperature or corrosive.



BenchMark® HE Bench Scales

The BenchMark® HE Series offers the look of a standard bench scale model in a washdown package. At the heart of the HE Series is an IP69K hermetically sealed stainless steel load cell. A specially designed base isolates the cell from any potential shock or overload. This durable 304 stainless steel design is enhanced with non-skid support feet and a leveling bubble. Available in standard capacities up to 1,000 pounds and sizes as large as 24 x 24 inches.

Versa-portion

Versa-portion® Compact Bench Scale

Just as the name implies, versatility is the greatest attribute of this sturdy model. In capacities of six to 60 pounds, the Versa-portion is perfect for food processing, hygienic medical settings and everything in between. Stainless steel construction, an IP68 rating and a broad range of useful features make the Versa-portion an ideal fit for a variety of applications. A straightforward keypad easily toggles between ounces, pounds and grams.

