

A high-speed photograph of water splashing, creating a dynamic and energetic background. The water droplets are frozen in time, showing intricate patterns and textures. The overall tone is clean and industrial.

Washdown Solutions

Industrial-strength
equipment for the wettest,
most demanding jobs

RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

800-472-6703

www.ricelake.com

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MotoWeigh[®]

In-Motion Weighing Solutions

MotoWeigh in-motion weighing 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 look forward to many years of solid, trouble-free operation from MotoWeigh equipment. With the exception of monorail scales, 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.

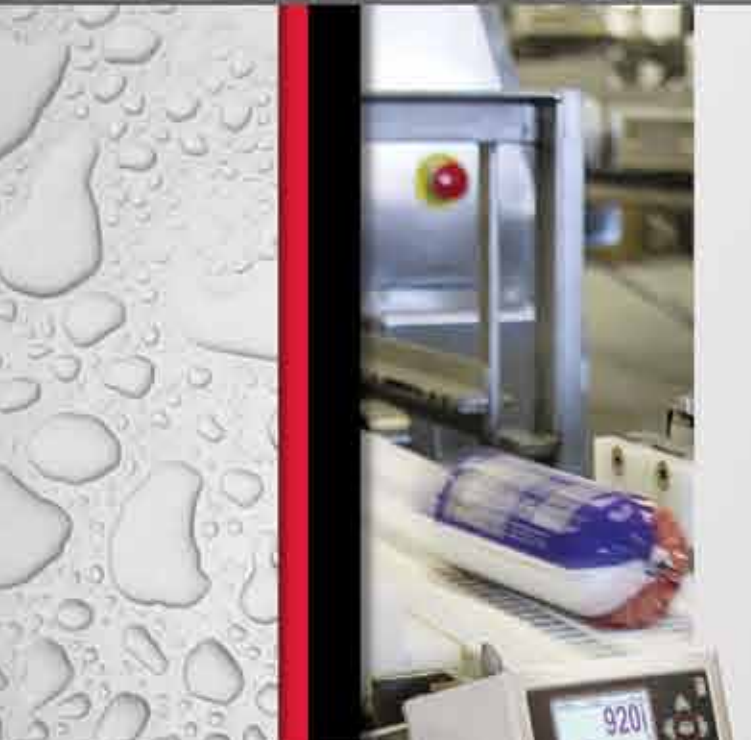
For safety and security conscious facilities there's even more to like about the MotoWeigh design. The lockable control panel, available with UL508 approval, houses the VFD control for altering conveyor speed as well as the main power disconnect for lock-out/tag-out procedures.

HMI Digital Controller

Rice Lake's 920i digital controller brings 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 these 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.



Case Weighers

Even the bulkiest product can be processed with ease using MotoWeigh case weighing technology. These systems accommodate capacities as high as 200 pounds and up to 2,000 divisions. Non legal-for-trade systems are available with resolution as precise as 1 gram and speeds up to 80 units per minute. Fast and accurate, MotoWeigh case weighers 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 you to easily change conveyor lengths without replacing existing equipment. Custom lengths and curved sections are also available to build a conveyor system as unique as your process.



Monorail Scales

Rice Lake's line of food-grade monorail scales includes both permanent and portable models with capacities from 750 to 4,000 pounds. Live rail lengths range from 18 to 60 inches on the heavy-capacity model and eight inches on the portable and permanent models. 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.



Weigh Price Labeling/Printing Systems

Use IDT model 250 or 250E WPL systems as 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. IDT WPL systems come standard with the Datamax® print engine. The WPL will have your process at peak performance with speeds up to 60 labels per minute. For easier mobility during cleaning, our printer portability option is the perfect choice.





CW-90X

CW-90X 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. Our local scale dealers and in-house application specialists can assist in selecting the best equipment for your needs 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.



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 4X equipment to meet the demands of many industrial applications. For superior performance and durability, pair your bench, tank or floor scale with any of these Rice Lake models.





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 four 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 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

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

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

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 for HE and QC models.



Versa-portion

Versa-portion® Compact Bench Scale

Just as the name implies, versatility is perhaps the biggest selling point of this sturdy model, with its stainless steel construction, IP68 rating, and broad range of useful features. In capacities of six to sixty pounds the Versa-portion is perfect for food processing, hygienic medical settings and everything in between. A straightforward keypad easily toggles between ounces, pounds and grams. And custom pans and fixtures can be designed for limitless weighing potential.



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 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.

Test Weights

For calibration of your scale equipment, Rice Lake manufactures and certifies cast-iron and stainless steel test weights to keep your scales operating in a legal-for-trade manner. Our NVLAP accredited lab can assist with any certificate you require, within ASTM, NIST, or OIML specifications. Weights available range from 0.5 milligrams to 3,000 pounds.



The Rice Lake Difference

We know that preventing downtime is your first priority. It's ours too, followed by giving your business the kind of tools that outperform, outsmart, and outlast any other equipment on the market.

Rice Lake products are solidly engineered and tested to limits they may never need to experience. We know what our equipment is capable of, and so will you.

Largest Network of Service Providers

More dealers carry Rice Lake because we're the brand that more dealers trust. Across the country and around the world, find a Rice Lake sales and service provider near you.

24/7 Customer Support

We're available 'round the clock because we understand how business works. When it can't wait until morning, our after-hours emergency staff is there to return your call.

Same Day Shipping

Our tremendous inventory means that if you need it now, we can get it out the door. We process and ship almost all orders the same business day they're received.

Custom Solutions

The Rice Lake manufacturing team is equipped with the tools and experience to customize nearly any product to your exact needs. Just ask. Our special group is standing by to quote your special application.



Going Beyond Satisfaction

See for yourself how Rice Lake has earned a loyal following and an unrivaled reputation for first-rate products and customer support.

Call 1-800-472-6703 or visit:
www.ricelake.com/washdown

IP Ratings

IP ratings are used to identify the level of protection against the ingress of solid objects, dust, and water into electrical enclosures. The first number following IP identifies the level of protection against solid objects including dust. The second number is the level of protection against various forms of moisture. For the majority of food and chemical processing applications, industry experts advise maintaining either an IP69K or IP66 rating.

IP64 – dust tight and protects against splashed water.

IP65 – dust tight and protects against low-pressure water projected from any direction.

IP66 – dust tight and protects against high-pressure water projected from any direction.

IP67 – dust tight and protects against water while submerged at 1 m depth.

IP68 – dust tight and protects against water while submerged at 15 m depth.

IP69K – dust tight and withstands high-pressure, high-temperature water.

NEMA 4 and 4X are equivalent to IP66

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