

SaFIRE®

new product

SMALL ANIMAL FEED INTAKE RECORDING EQUIPMENT

Automatically monitor feed intake and growth rates of small animals with **SaFIRE**, the all new performance testing feeder for nursery-sized animals in small groups.

Featuring all the same great benefits as the original Osborne FIRE® system, SaFIRE is specially designed for use with pigs 14 lbs. (6 kg) to 50 lbs. (23 kg), when feed intake data is critically needed.

◆ COLLECT FEED INTAKE DATA AUTOMATICALLY

Now available for the very first time, automatically collect accurate feed intake and animal growth data for each nursery-sized animal in commercially realistic groups.

◆ IDENTIFY SUPERIOR ANIMALS

Understanding individual animal performance at a young age reflects performance in the finishing cycle. Use this correlation and the data collected automatically by SaFIRE to assist in selecting superior-performing animals earlier.

◆ TEST FEED & ADDITIVES

Use SaFIRE to help identify how specific feedstuffs and feed additives affect animal growth and eating habits. Unbiased, automated data collection ensures results from tests are accurate.

◆ RECORD ACCURATE DATA

Special algorithms and a one-of-a-kind auto-calibration method developed by Osborne ensure trough weights are accurate. Independent university studies confirm the system's accuracy in testing and commercial feeding simulation.

MONITOR DATA IN REAL TIME

- ◆ SaFIRE's Integrated Function Control (IFC) and WinFIRE RT™ software application work together to continually record and transfer data in real time to generate reports and provide you with the data you need.



WITH SMALL ANIMALS, ACCURACY MATTERS

Feed weighs within 1% of its actual weight.

The design of SaFIRE's feed trough and position of the load cell minimizes interference and continually keeps the trough in the optimal position for accurate weighing.

The trough mount and load cell are protected by an isolation system and sturdy enclosure that houses a highly accurate feed dispensing system. This design eliminates load or electrical shock to the load cell. Single-point suspension and multiple sway bars keep the trough centered and free from binding.

The scale platform houses four highly-sensitive load cells safely away from animal access and provides continuous weight data for individual animals as they feed.

Data automatically generated by SaFIRE gives critical insight into small animal performance metrics like never before. Monitor daily and total feed consumption, time and duration of feeding events, body weight, ADG, and so much more. Use the data to identify changes in health status or growth and identify superior-performing animals.



SaFIRE[®]

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Osborne SaFIRE™ Small Animal Performance Testing

Catalog Number	Description	Dimensions in (cm)
FR-00SA01	SaFIRE Feeder	45 x 20 x 52 (18 x 8 x 20)
FS-00SA01	SaFIRE Weigh Race	

SaFIRE Features

- 1 Integrated Function Control**
 Accurate control provides users with quick access to simple SaFIRE features like calibration monitoring, platform weight, and so much more.
- 2 Corrosion-Resistant Feed Hopper**
 A generous, fiberglass-reinforced feed hopper holds 80 lbs. (36 kg) of feed, and an easy-lift hand guard protects users from the rotating feed dispenser.
- 3 Quick-Release Feeder Side Panels**
 Side panels quickly release for fast and easy access to inside parts like the feed motor and trough load cell, and a trough access adjustment panel helps keep small animals from entering the trough.
- 4 Feed Trough & Antenna**
 An integrated antenna in the feed trough reads RFID tags to assign individual eating events to animals and real-time trough refilling accurately mimics commercial production.
- 5 Adjustable Race Panels**
 Easy-adjust race panels can be used to limit multiple-animal entry when animals are small and provide greater access to the trough as they grow.
- 6 Scale Platform**
 Housed safely away from animal access under the corrosion and impact resistant scale platform, a network of four sensitive load cells allows for continuous weight monitoring.