

Intercomp Microflex[™] Maximizes Performance of Purebred Racecars

At the front of the field, in many forms of racing, minute differences in chassis setup stand between drivers who are consistently fast and those who run in the middle of the pack. The basis of consistency in racing is a chassis setup founded upon repeatable data. Scales specifically designed for highly sensitive racing chassis give engineers and mechanics the ability to develop winning setups in closely contested on-track battles.

Intercomp's Microflex[™] Scale System allows the most sophisticated racing chassis to be properly set up due to ultra-low deflection pads. When dealing with a racecar chassis that is extremely sensitive to change, or has a large variety of small adjustments, a four-load cell billet pad offers the repeatability needed for consistent weighing results, regardless of tire placement on the pad.

The smallest adjustments and customizations on high-end racecars can be hard to detect statically, but can have a huge effect on the track. Intercomp's Microflex[™] Scale System can accurately detect and display consistent data by further decreasing the effects of deflection while adjusting corner weights of a purpose-built racecar. This scale system provides the ability to reduce deflection to levels previously attained by a heavyweight 4-inch tall pad design, in a lighter weight, low profile, easy-to-use and transport, 2.5-inch height.

With more than 40 years of weighing experience, and a solid reputation in the motorsports community, Intercomp enlisted feedback from top race teams to develop an optimal scale pad design for purebred racecars. The collaboration produced a four-load cell design capable of delivering the ultimate corner weight solution. The additional load cells within each scale pad also deliver a higher system capacity, 8,800 lb (4,000 kg) or 16,000 lb (7,300 kg), with the same 0.1-percent accuracy. This means that heavy race vehicles, like off-road trophy trucks, can be tuned using Intercomp's tried and true motorsports technology.

Built-in RFX[™] technology increases the usability of the system as data is available simultaneously on the included RFX[™] wireless handheld display, or on a PC with included RaceWeigh[™] software, allowing engineers and mechanics live access to the same data.



RFX[™] technology allows data to be available simultaneously on an RFX[™] wireless handheld display, or on a PC with RaceWeigh[™] software.



Top NASCAR teams use Microflex[™] Scale system to extract every last bit of grip from their racecars.



Preparing high performance sports cars for racing requires the most repeatable scales for consistent results.