

# Intercomp

## SW™ Scales offer unbeatable accuracy... best repeatability.

### No other electronic scales even come close

- Fine tune vehicle weight and balance/center of gravity calculation
- Jumbo size - 4 row supertwist LCD display
- Capacities: 6,000 lb/2800 kg or 8,800 lb/4000 kg per system
- Fourteen display modes of weights and percentages
- Storage registers/printer/RS232 output



At last, here's the scale system that race car owners have been asking for. Intercomp's unique SW™ design provides all the flexibility that's needed to fine tune car weight and balance to varying track conditions. To see what we mean, check out these standard features:

#### High visibility liquid crystal display.

Simultaneously reads out 4 lines of 20 characters each. Shows: (1) individual weight of each on each wheel; (2) percentage of total weight on each wheel; (3) LR and RF total weight plus percentage; RR and LF total weight plus percentage; (5) all wheel weights plus percentages at the same time; (6) plus all other possible combinations.

**Top repeatability-** consistently repeats same wheel weight.

**Jumbo built-in memory-** holds up to 100 complete set-ups-including track name and car number!

**Permits "fine tuning" of vehicle weights and balance** to get optimal weight distribution.

**Built-in self-diagnostics** to check memory, display, keypad, weighing channels, power supply and weigh pads.

**Calibration-** allows on-site user calibration.

**Shows weights in pounds or kilograms.**

**Push button zero.**

**High accuracy in two models:** 1/10 of 1% (2.5 times greater than other makes) or 1/4 of 1%.

**Two weight capacities:** (1) 6000 lb/2800 kg (1500 lb/700 kg per pad); (2) 8880 lb/4000 kg (2200 lb/1000 kg per pad)

**Power:** 120-volt AC external 12-volt AC/DC and internal, C-size nickel cadmium rechargeable or alkaline batteries.

**Automatic turn-off** to extend battery life.

**Low battery indicator-** tells user when batteries need recharging.

**Internal memory** recalls data of last vehicle weighed when unit is turned on.

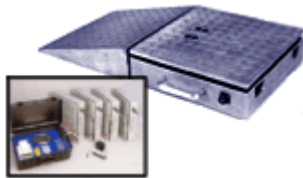
**Convenient size pads:** 15" x 15" each to accept a wide range of wheel sizes.

**Push Button** night light.

**Rugged, protective water-proof carrying case** for control box.

**Each system consists of** 4 weigh pads, cables, control box (with case), battery recharger and instruction manual.

**RFI/EMI protection.**



#### Options:

\*Built-in printer to give permanent hard-copy of time and date, wheel weights, percentages, track name and car number.

\*Serial RS232 output.

\*220 volts/50 hz power.

\*Up and down ramps for easy positioning of vehicle on weigh pads.

\*Carrying case for weigh pads, ramps, cables and control box case.

#### Electrical:

**Voltage:** 12 VAC/VDC, 120/240 VAC.

**Batteries:** 9 "C" size rechargeable Ni-cads, or alkaline.

#### Controls:

**General:** Zero, lb/kg, Test, Light, Print, Help, Set Time/Date, On, Off.

**Numeric:** 13-key standard layout.

**Channel Selection:** LF, RF, LR, RR, ALL.

**Weight and Percent:** 8-key Weight and Percent selection.

**Storage Registers:** Two-key register and I.D. Selection

**Indicators:** lb/kg, Lo Bat.

#### Performance:

**Speed:** 950 milliseconds to typical reading (static).

**Accuracy:** ±0.1%

**Calibration:** Keypad calibration

**Units:** Lb, kg selectable

#### Capacities

6000 lb/2800 kg

8800 lb/4000 kg

#### Graduations

1 lb/.5 kg

1 lb/.5 kg

#### Filtering:

**Analog:** Trans-besel Filter.

**Digital:** Average of several internal weights gives steady readings for unstable loads.

**Auto-Zero:** Satisfies all HB-44 requirements.

#### Display:

4-line, 20 character alphanumeric L.C.D. readout.

#### Ambient:

**Humidity:** 10 to 95% non-condensing.

**Temperature:**

Operating 0°C to 50°C | 32°F to 122°F

Storage -40°C to 75°C | -40°C to 170°F

#### Carrying Case/Control Box:

**Physical:** Overall dimensions 17"L x 11"W x 7"H

**Weight:** 10 lb/4.5 kg

**Material:** ABS structural foam

#### Weigh Pad:

**Physical:** Overall dimensions 15"L x 15"W x 4"H per pad.

**Leveling:** Has adjustable feet for leveling on uneven surfaces.

**Weight:** 35 lb/15.9 kg

**Material:** High strength aluminum alloy.

#### Ramp:

**Physical:** Overall dimensions 15.25"L x 15.25"W x 4"H.

**Weight:** 4.8 lb/2.2 kg

**Material:** High strength aluminum alloy.

#### Outputs/Inputs:

**Outputs:** RS232 Serial

**Inputs:** 4 Analog Channels