

SW™ Series

INDUSTRIAL SCALES

ISO 9001
Registered

SW Deluxe™ / SWI™ / SWII™

*Intercomp SW™ Scales
offer unbeatable accuracy. . .
best repeatability.*

At last, here's the scale system that auto, van, and trailer manufacturers have been asking for. Intercomp's unique SW™ design provides all the flexibility that's needed to fine tune weight and balance to varying design criteria. To see what we mean, check these standard features:

- High visibility liquid crystal display
- Top repeatability
- Jumbo built-in memory
- Permits "fine tuning" of vehicle weights and balance
- Built-in self-diagnostics
- Calibration
- Push button zero
- Accuracy of 0.1%
- Three system capacities
- Automatic turn-off to extend battery life
- Low battery indicator
- Internal memory
- Convenient 15" x 15" pads
- Push button night light (SW Deluxe)
- Rugged, protective water-proof carrying case (SW Deluxe)
- RFI/EMI protection

No other electronic scales even come close.



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ACTUAL WEIGHTS
LF = 123 Lb 25.5 %
RF = 102 Lb 24.7 %
LR = 110 Lb 25.0 %
RR = 105 Lb 24.8 %

SW Deluxe Printout



SW Deluxe



SWI



SWII

Intercomp®
advanced weighing technology . . . by any measure

FEATURES

High visibility liquid crystal display:

Simultaneously reads out 4 lines of 20 characters each (SW Deluxe). Shows: (1) individual weight of 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 (SW Deluxe); (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 vehicle type and I.D. number (SW Deluxe).

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 three models: 1/10 of 1%.

Three system capacities:

4000 lb / 1800 kg (1000 lb / 450 kg / pad)

6000 lb / 2800 kg (1500 lb / 700 kg / pad)

8800 lb / 4000 kg (2200 lb / 1000 kg / pad)

Note: 8800 lb capacity is only available in SWI and SW Deluxe.

Power:

120 volt AC external

220 volt AC external

12 volt AC/DC and internal

AA-size nickel cadmium rechargeable 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 (SW Deluxe).

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

Push button night light (SW Deluxe).

Rugged, protective water-proof carrying case for control box (SW Deluxe).

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

RFI/EMI protection

OPTIONS:

- Printer to give permanent hard-copy of wheel weights and percentages
- Serial RS232 Output
- Up and down ramps for easy positioning of vehicle on weigh pads
- Carrying case for weigh pads, cables, and control box case

SPECIFICATIONS

DISPLAY:

4-line, 20 character alphanumeric L.C.D readout (SW Deluxe)

2-line, 16 character alphanumeric L.C.D readout (SWI)

1-line, 8 character numeric L.C.D readout (SWII)

CONTROLS:

General: Zero, lb/kg, Test, Light, Print, Help, Set Time/Date, On, Off (SW Deluxe)

Zero, On, Off, Print/Contrast (SWI)

Zero, On, Off, Weight/% (SWII)

Numeric: 13-key standard layout (SW Deluxe)

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

Weight and Percent: Weight and Percent selection

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

Indicators: lb / kg, Low Battery

OUTPUTS/INPUTS:

Output: RS232 Serial (SW Deluxe)

Inputs: 4 Analog Channels

PERFORMANCE:

Speed: 950 milliseconds to typical reading (static).

Accuracy: $\pm 0.1\%$ or 1 lb/0.5 kg

Calibration: Keypad calibration

Units: lb, kg selectable.

Capacities	Graduations
4000 lb/1800 kg	1 lb/0.5 kg
6000 lb/2800 kg*	1 lb/0.5 kg
8800 lb/4000 kg*	1 lb/0.5 kg
*(SWI/SW Deluxe)	

CE ISO 9001 Registered

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FILTERING:

Analog: Trans-besel Filter

Digital: Average of several internal weights gives steady readings for unstable load

Auto-Zero: Satisfies all HB-44 requirements

ELECTRICAL:

Voltage: 12 VAC/DC, 120/240 VAC

Batteries: "AA" size rechargeable Ni-cads (SW Deluxe).

"AA" size rechargeable Ni-cads or Alkalines (SWI, SWII).

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°F to 170°F

CARRYING CASE/CONTROL BOX (SW DELUXE):

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

Weight: 35 lb/16 kg (SWI/SW Deluxe)

23 lb/10.5 kg (SWII)

Material: Aerospace grade cast aluminum

RAMP:

Physical:

Overall dimensions 12.25"L x 15.25"W x 4"H

Weight: 19 lb/8.5 kg

Material: High strength aluminum alloy

Carrying Case



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advanced weighing technology... by any measure

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