

Intercomp SW™ Portable Racing Scales



(SEE CHART ON BACK OF PAGE FOR PART #'s)

The Intercomp SW portable racing scale provides the unbeatable accuracy and repeatability needed for fine tuning car weight and balance to varying track conditions. An easy-to-read display shows any combination of wheel weights or percentages of weights.

The SW allows on-site calibration and provides built-in memory for storage of up to 100 complete set-ups, including track name and car number. Built-in self diagnostics check memory, display, keypad, weighing channels, power supply and weigh pads.

Applications

- Fine tune race car weight/balance to varying track conditions

Standard Features

- High visibility Liquid Crystal Display (LCD)
- Gives total weight, individual wheel weight, percentage of total weight on each wheel, cross weight and many more combinations
- Storage of up to 100 complete setups including track name and car number
- Built-in self-diagnostics
- Push button zero/push button night light
- High accuracy in two models: 1/10 of 1% (2.5 times greater than other makes) or 1/4 of 1%
- 115 VAC external 12 VAC/VDC and internal, C-size nickel cadmium rechargeable or alkaline batteries
- Automatic turn off
- Low battery indicator
- Internal memory that recalls data of last vehicle weighed when unit is turned on
- Rugged, protective waterproof 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/Accessories

- 43948 Serial RS-232 output
- 43956 Up and down ramps

Intercomp SWII™ Portable Racing Scales



(SEE CHART ON BACK OF PAGE FOR PART #'s)

Providing exceptional accuracy and repeatability, the Intercomp SWII portable racing scale fine tunes car weight and balance to varying track conditions. Lightweight, low-profile weigh pads (3" x 15" x 15") make the SWII easy to transport and handle.

Automatic zero tracking and keypad calibration simplify operations. A large liquid crystal display shows any combination of wheel weights or percentages. Powered by six "AA" batteries, the affordable SWII includes a full one-year warranty.

Applications

- Fine tune race car weight/balance to varying track conditions

Standard Features

- Display that shows any combination of wheel weights or percentages of weight: left side, wedge, etc.
- Easy to use, automatic zero and keypad calibration
- High accuracy and repeatability
- Full one-year warranty
- Units of measure: lb/kg
- Lightweight, low-profile weigh pads, 15" x 15" each
- Weigh pads have leveling feet and handles
- Large Liquid Crystal Display (LCD)
- Powered by six "AA" batteries

Options/Accessories

- 43947 Serial RS-232 output

DISPLAY:

4-line, 20-character alphanumeric LCD readout

GENERAL CONTROLS:

Zero, lbs/kg, test, light, prints, help, set time/date, on, off

NUMERIC:

13-key standard layout

CHANNEL SELECTION:

Left front (LF), right front (RF), left rear (LR), right rear (RR), all

WEIGHT AND PERCENT:

8-key weight and percent selection

STORAGE REGISTERS:

Two-key register and I.D. selection

INDICATORS:

lbs/kg, Lo bat

OUTPUTS:

Two RS-232 serial

INPUTS:

4 analog channels

SPEED:

950 milliseconds to typical reading (static)

ACCURACY:

± 1/4 of 1% of reading. (± .1% optional)

CALIBRATION:

Keypad calibration

UNITS OF MEASURE:

lb/kg selectable

ANALOG:

Trans-besel filter

DIGITAL:

Average of several internal weights gives steady readings for unstable load

AUTO-ZERO:

Satisfies all HB-44 requirements

VOLTAGE:

12 VAC/VDC, 115/230 VAC

BATTERIES:

9 "C" size rechargeable NiCad or alkaline

HUMIDITY:

10 to 95% non-condensing

TEMPERATURE:

OPERATING: 32°F to 122°F (0°C to 50°C)

STORAGE: -40°F to 170°F (-40°C to 75°C)

CARRYING CASE/CONTROL BOX:

OVERALL DIMENSIONS: 17" L x 11" W x 7" H

WEIGHT: 10 lbs/4.5 kg

MATERIAL: ABS structural foam

WEIGH PAD:

OVERALL DIMENSIONS: 15" L x 15" W x 4" H

LEVELING: has adjustable feet for leveling on uneven surfaces

WEIGHT: 35 lbs/15.9 kg

MATERIAL: high strength aluminum alloy

RAMP:

OVERALL DIMENSIONS: 15.25" L x 15.25" W x 4" H

WEIGHT 4.8 lbs/2.2 kg

MATERIAL: high strength aluminum alloy

WARRANTY:

One year limited warranty

DIMENSIONS

PART #	MODEL	WEIGH PAD SIZE	CAPACITY	GRADUATION	EST. SHIP WT
43684	SW-D 6000	15" x 15" x 4"	6000 lb (2800 kg)	1 lb (.5 kg)	155 lb (70.3 kg)
43686	SW-D 8800	15" x 15" x 4"	8800 lb (4000 kg)	1 lb (.5 kg)	155 lb (70.3 kg)

GENERAL CONTROLS:

Zero, test, on, off

CHANNEL SELECTION:

Left front (LF), right front (RF), left rear (LR), right rear (RR)

WEIGHT & PERCENT:

One-key weight and percent selection

INDICATORS:

Lo bat, %, LF, RF, LR, RR

SPEED:

950 milliseconds to typical reading (static)

ACCURACY:

± 1/2 of 1% of reading

CALIBRATION:

Keypad calibration

UNITS OF MEASURE:

Lb/kg

ANALOG:

Trans-besel filter

DIGITAL:

Average of several internal weights gives steady readings for unstable loads

AUTO-ZERO:

Satisfies all HB-44 requirements

VOLTAGE:

12/VDC, 115/230 VAC

BATTERIES:

6 "AA" size rechargeable Ni-cad or alkaline

HUMIDITY:

10 to 95% non-condensing

TEMPERATURE:

OPERATING: 32°F to 122°F (0°C to 50°C)

STORAGE: -40°F to 170°F (-40°C to 75°C)

CONTROL BOX:

OVERALL DIMENSIONS: 11 1/4" L x 5" W x 11 1/2" H

WEIGHT: 8 lbs/3.6 kg

MATERIAL: cast Aluminum

WEIGH PAD:

OVERALL DIMENSIONS: 15" L x 15" W x 3" H

LEVELING: has adjustable feet for leveling on uneven surfaces

WEIGHT: 17.7 lbs/8 kg

MATERIAL: high strength aluminum alloy

WARRANTY:

One year limited warranty

DIMENSIONS

PART #	MODEL	WEIGH PAD SIZE	CAPACITY	GRADUATION	EST. SHIP WT
43688	SWII 4000	15" x 15" x 3"	4000 lb (1814 kg)	1 lb (.5 kg)	105 lb (47.6 kg)
43689	SWII 6000	15" x 15" x 3"	6000 lb (2800 kg)	1 lb (.5 kg)	105 lb (47.6 kg)

Intercomp PT300™ / PT300-DW™ Wheel Load Scale



PT300-DW shown

PART #	MODEL	CAPACITY
PT300™ Wheel Load Scale:		
43661†	PT300-55	5000 lbs x 5 lb
43662†	PT300-5	10,000 lbs x 5 lb
43663†	PT300-20	20,000 lbs x 20 lb
43738†*	PT300-50	20,000 lb x 50 lb
PT300-DW™ Double Wide Wheel Load Scale:		
43664†	PT300DW-55	5000 lb x 5 lb
43665†	PT300DW-5	10,000 lb x 5 lb
43666†	PT300DW-20	20,000 lb x 20 lb
43667†	PT300-DW-30K	30,000 lb x 50 lb
43668†	PT300-DW-40K	40,000 lb x 100 lb

* NTEP certified

† Battery charging cable and transformer is included with orders for 2, 4, or 6 scales. See options for pricing on single scale charging cable and transformers.

Applications

- Wheel load weighing

Standard Features

- NTEP certified (PT300-50 only)
- 20mA current loop data interface
- Operates on 6 1.2 volt NiCad (standard) or alkaline batteries
- Battery life: approximately 5 years
- Battery duration between charges: approximately 8 hours of continuous use before the scale shuts itself off. (These numbers are lowered by the use of the lamps or active current loop transmission.)
- Charging voltage: 11.5 volts — 14.5 volts DC protection is provided for accidental reversal of the charging connections
- Charging current starts at 300mA and drops down to 50mA after 8 hours
- All-metal case provides EMI/RFI immunity
- $\pm 1\%$ ($\pm 2\%$ rollover) accuracy
- Units of measure: lb/kg

Options/Accessories

43683 20mA current loop output

Interconnect cables for totalizing and printing weights

43951 115 VAC charger and cable (1 scale)

43952 115 VAC interconnect/charging cable (2 scales)

43953 115 VAC interconnect/charging cable (4 scales)

43954 115 VAC interconnect/charging cable (6 scales)

Designed to handle tough conditions, the PT300/ PT300-DW wheel load scales are available in capacities of up to 40,000 lb. This versatile battery-operated scale comes standard with a charger adapter. The PT300/PT300-DW accurately weighs to $\pm 2\%$ as a wheel rolls over the scale by using the "HOLD" switch. For night use, light the display area by simply touching the "LAMP" switch.

Gain a total weight reading by linking any number of PT300/PT300-DW scales together. Display the total weight of all of the preceding scales by activating the "TOTAL" switch. Linked at the I/O terminal with an optional cable, the scales can also transmit data to a printer or a display.

CLASSIFICATION:

NTEP certified (PT300-50 only) Class IV
CC # 90-106P

HUMIDITY:

10 to 95% non-condensing

TEMPERATURE:

OPERATING: -28°C to 65°C (-20°F to 150°F)
STORAGE: -40°C to 75°C (-40°F to 170°F)

EMI/RFI:

Meets Mil Spec 461

OVERALL SIZE:

PT300: 3" x 16" x 20" (76mm x 406mm x 508mm)
PT300-DW: 3" x 26" x 22" (76mm x 660mm x 559mm)

PLATFORM SIZE:

PT300: 12" x 12" (305mm x 305mm)
PT300-DW: 22" x 12" (559mm x 356mm)

WEIGHT:

PT300: 37 lb (16.8 kg)
PT300-DW: 49 lb (22 kg)

SHIP WEIGHT:

PT300: 40 lb (18 kg)
PT300-DW: 52 lb (24 kg)

CASE:

Heat treated aluminum

VOLTAGE:

Self-contained nickel cadmium batteries (standard) or alkalines
Integral recharger to charge or operate from a 12, 115 or 230
volt power source

AXLE TOTALIZING OUTPUT:

Transmits weight to another scale for totalizing individual axles.
Will totalize axles, tandem axles or wheel group

PRINTER OUTPUT:

20mA current loop to interface with a remote printer or remote
display

GENERAL CONTROLS:

All controls are located on a waterproof membrane keypad with
large contact surfaces

PRINT:

When activated, outputs weight local

ON/OFF:

Two separate switches for unambiguous operation

ZERO/TEST:

PUSHBUTTON ZERO: checks for motion to HD-44.
TEST: performs internal test

HOLD/RELEASE:

HOLD: places scale in automatic capture mode for in-motion
weighing.
RELEASE: places scale in "normal" static weighing mode

LAMP:

Momentary action to activate high efficiency light emitting
diodes for night usage

LB/KG:

Sets units of measure

LOCAL/TOTAL:

LOCAL: standard mode for weighing
TOTAL MODE: enables the scale to accumulate weights

INDICATORS:

TOTAL: accumulative mode of weighing
BATTERY: low battery
HOLD: in-motion weighing mode
LB/KG: unit of measure

ANALOG:

π filter

DIGITAL:

Average of several internal weights gives steady readings for
unstable load

AUTO-ZERO:

Satisfies all HB-44 requirements

SPEED:

950 milliseconds to typical reading (static)

ACCURACY:

$\pm 1\%$ of reading static mode
 $\pm 2\%$ of reading hold mode

UNITS OF MEASURE:

lbs, kg selectable

SAFE OVERLOAD:

150% of capacity

EST. SHIP WEIGHT:

PT300: 40 lb (18.1 kg)
PT300DW: 60 lb (27.2 kg)

WARRANTY:

One year limited warranty

SCALE CAPACITIES

CAPACITY	GRADUATIONS
5000 lb/2000 kg	5 lb/2 kg
10,000 lb/5000 kg	5 lb/2 kg
20,000 lb/10,000 kg	20, 50lb/10, 20 kg
30,000 lb/14,000 kg	50 lb/20 kg
40,000 lb/18,200 kg	100 lb/50 kg

Intercomp PW800™ Pallet Truck Scales



PART #	DESCRIPTION	CAPACITY
43659* PW800-2748 (48" x 27" x 2.9")	5000 lb/2500 kg
43660* PW800-2148 (48" x 21" x 2.9")	5000 lb/2500 kg

** Part number includes PW800, 115 VAC internal charger and 9 "D" size rechargeable batteries.*

The PW800 pallet truck scale provides quick verification of incoming/outgoing weight anywhere in your plant, eliminating the need to haul loads to a platform scale. Easy-to-operate, the PW800 includes a highly-visible, .8" LED display for accurate readings at a glance.

This efficient scale offers fast parts counting for inventory purposes and low-cost operation on 9 D-cell batteries, providing up to 40 hours of battery life.

Applications

- Parts counting
- Check weighing

Standard Features

- Fast, low-cost parts counting for taking inventory
- Count totalization up to 1000,000 counts
- Accuracy of $\pm 0.1\%$
- Tare: up to 100% of capacity
- Zero: up to 100% of capacity
- Units of measure: lb/kg
- 5000 lb capacity in one-pound increments
- Push button print of gross, net, tare, total, and count total
- Displays gross, net, and tare weight
- Weight totalization up to 100,000 lb
- Adjustable baud rates from 75 to 9600
- Low-cost operation on 9 "D" cell batteries
- Quick verification of incoming/outgoing freight
- Instant check of truck loading by weight
- Large, easy-to-read 0.8" six-digit LED (Light Emitting Diode) display
- Adjustable display update/weight averaging
- Selectable AZT off, 0.6, 1, or 3 graduations
- Mild steel

Options/Accessories

43946 RS-232 serial output

CAPACITY:

5000 lb (2500 kg)

GRADUATION:

1 lb (.5 kg)

ACCURACY:

± 0.1% of reading

BATTERY LIFE:

Up to 40 hours of continuous use

BATTERIES:

9 "D" size disposable alkaline dry cells or rechargeable nickel-cadmium cells

CHARGE TIME:

16 hours

CHARGE:

Charger/power transformer — 115/230 VAC

LOW BATTERY SHUT-OFF:

Unit automatically shuts off if batteries are low

AUTO SHUT-OFF:Shuts off after up to 5 minutes of non-use
(variable up to 30 min)**DISPLAY:**

0.8 inch (20 mm) high — 5 1/2-digit Light Emitting Diode (LED)

INDICATORS:

Six (lb, kg, net, tare, total, count)

CONTROL SWITCHES:

Eight (on, off, set mode, print, tare, zero, lb/kg)

HUMIDITY:

10 to 95% non-condensing

TEMPERATURE:

OPERATING: -20°C to 60°C (-4°F to 140°F)

DIMENSIONS:

FORKS: PW800-2748: 48" x 27" x 2.9"
(1219mm x 686mm x 74mm)
PW800-2148 48" x 21" x 2.9"
(1219mm x 533mm x 74mm)

EST. SHIP WEIGHT:

300 lbs (136 kg)

WARRANTY:

One year limited warranty

Ishida WPL-3000 Scale/Labeler System



(Shown with optional keyboard mount kit, infeed L-type free roller and exit free roller.)



PART #	MODEL	CAPACITY
48771 ...	WPL-3000, left to right	30 lb
48770 ...	WPL-3000, right to left	30 lb

The WPL-3000 is specifically designed to meet the needs of supermarket backrooms and the food processing industry. Featuring an ergonomic design, stainless steel construction, and advanced label applicator, the WPL-3000 provides enhanced convenience for an optimal working environment.

For increased efficiency and reliability, the WPL-3000's conveyor belt lowers when products are being weighed, rises after weighing, and transfers products smoothly to the labeling process. Its free formatting feature enables creation of appealing labels with coupons, eye-catching phrases, nutritional information, and POP messages. The WPL-3000 also offers on-line capabilities by providing interfaces to a personal computer and networked Ishida AC-3000/DP-3000 systems.

Applications

- Meat and produce departments
- Centralized processing

Standard Features

- **Customized setup:** Basic system includes scale, keyboard/display, printer and stand
- 88 preset keys, 176 presets using the shift key
- Programmable presets include: PLU, Logo, Coupon, Tare, Operator, Amount Discount, Percentage Discount, Message
- Flexible label format
- Large 9-inch label roll
- Prints all legally-required information
- Scale conveyor
- Automatic label applicator
- Use with hand wrap station or automatic wrapper
- Configurable in straight or "L" layout
- Speed increasing kit for use with some automatic wrappers

Options/Accessories

- 46932 Infeed conveyor with stand
- 46934 Sensor kit for heat belt (straight)
- 46935 3-roll wrap station with heat pad
- 48761 3-roll wrap station without heat pad
- 48762 Left or right wing for wrap station
- 46936 Infeed or exit free roller
- 47262 Infeed L-type free roller
- 46933 Heat belt
- 48768 Power exit roller with stand
- 48765 Gravity conveyor, 6 feet with stand
- 48764 Gravity conveyor, 8 feet with stand
- 46940 MSCU-3000, master board
- 46943 Pack-off table
- 46945 Rotary bin
- 47674 Keyboard mount kit

WEIGHING CAPACITY:

30 lb/0.01 lb

CONVEYOR CAPACITY:

10 lb

MEMORY CAPACITY:

Standard: 256K

Expandable to 1MB

****PROCESSING SPEED:**

The speed is dependent upon application variables such as I or L type configuration, whether you have the speed increasing kit installed, environmental factors, package weight, etc.

Based on our tests we approximate:

30-27 packages per minute from 1 to 3 pounds

27-23 packages per minute from 3.5 to 8.5 pounds

TRAY SIZE:

Length: 5.9" - 15.7" (150mm - 400mm)

Height: 0.6" - 3.9" (15mm - 100mm), including product height

Width: 3.1" - 9.8" (80mm - 250mm)

KEYS:

Function key: 32 keys

Preset key: 88 keys (176 presets by double shifts)

DISPLAY:

Full dot matrix alphanumeric display (256 x 16 dots)

Fluorescent segment character display

PRINTER:

Thermal system dot printer

Total 448 dots

Printing speed: 4.0" (100mm) per second

LABEL:

Flexible label format

Outer diameter of roll: 9.0" (230mm)

Width of backing paper: 2.7" (66mm)

Width of label: 2.5" (64mm)

POWER SUPPLY:115 VAC $\pm 10\%$, 60Hz**POWER CONSUMPTION:**

Stand by: 50W

In operation: 100W

OPERATING TEMPERATURE:

32°F to 104°F (0°C to 40°C)

HUMIDITY RANGE:

20% to 90% (no condensation)

APPROVALS:

NTEP certified, CC# 95-057A2, UL listed

WARRANTY:

One-year limited warranty

DIMENSIONS**I-type**

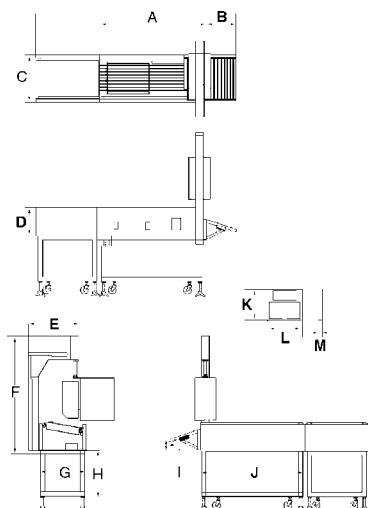
A	42.7"	(1088mm)	H	24.0"	(610mm)
B*	11.8" - 12.5"	(300mm-316mm)	I*	3.7"-7.7"	(95mm-195mm)
C	17.6"	(446mm)	J	41.5"	(1054mm)
D	11.0"	(280mm)	K	11.8"	(300mm)
E	19.25"	(489mm)	L	12.6"	(320mm)
F	50.25"	(1276mm)	M	1.6"	(40mm)
G	16.5"	(419mm)			

L-type

A	42.7"	(1085mm)	H	41.5"	(1054mm)
B	11.8"-12.5"	(300mm-316mm)	I	24.0"	(610mm)
C	17.6"	(446mm)	J*	11.8"	(300mm)
D*	8.0-8.5"	(202mm-215mm)	K	12.6"	(320mm)
E	50.25"	(1276mm)	L	1.6"	(40mm)
F	16.5"	(419mm)			
G*	3.7"-7.7"	(95mm-195mm)			

* UL approved

** Consult factory with your specifications for more precise results.

I-TYPE**L-TYPE**