

## 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
<b>PT300™ Wheel Load Scale:</b>		
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
<b>PT300-DW™ Double Wide Wheel Load Scale:</b>		
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.

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.

### 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)

**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:**

$\pi$  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 ±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.

