

# DP / DPI Series

## Specifications

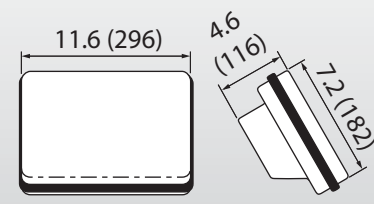
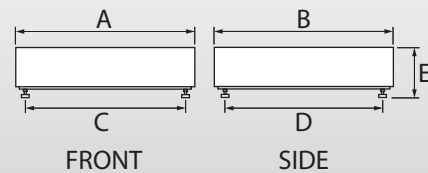
Model	DP-1212	DP-1318	DP-1824	DP-2015	DP-3030	DP-4040	Model	DPI-320	DPI-500
<b>C. of C. (U.S.)</b>	99-028	N/A	N/A	N/A	97-121	97-121	<b>C. of C. (U.S.)</b>	96-016	96-163
<b>Approval (Can.)</b>	AM-5290	N/A	N/A	N/A	SWA-3029	SWA-3287	<b>Approval (Can.)</b>	AM-5140	N/A
<b>Accuracy Class</b>	Class III	N/A	N/A	N/A	Class III	Class III	<b>Accuracy Class</b>	Class III	
<b>Weighing System</b>	Single Point Strain Gage Load Cell						<b>A/D Converter</b>	Dual Slope	
<b>Rated Capacities*</b>	20 kg	150 kg	150 kg	50 kg			<b>Display</b>	6 Digits	6 Digit
	50 kg	200 kg	200 kg	100 kg	1000 kg	1000 kg		0.8" x 0.4"	0.6" x 0.4"
	100 kg	300 kg	300 kg	250 kg				Fluorescent Tube	
<b>Output</b>	2.0 mV/V						<b>Excitation Voltage</b>	15 VDC	10 VDC
<b>Input Impedance</b>	415 Ω	415 Ω	415 Ω	406 Ω	406 Ω	406 Ω	<b>Internal Counts</b>	36,800	260,000
<b>Output Impedance</b>	350 Ω	350 Ω	350 Ω	351 Ω	351 Ω	351 Ω	<b>I/O</b>	Printer	RS-232
<b>Material (steel)</b>	Stainless	Stainless	Stainless	Stainless	Enameled	Mild	<b>Power Supply</b>	115 VAC	12 VDC
<b>NEMA Type</b>	4X	4X	4X	2	2	2	<b>NEMA Type</b>	2	4X
<b>Operating Temp.</b>	14°F to 104°F (-10 C to 40 C)						<b>Operating Temp.</b>	14°F to 104°F (-10 C to 40 C)	
<b>Shipping Weight</b>	14 lb(6 kg)	21 lb(10 kg)	66 lb(30 kg)	37 lb(17 kg)	200 lb(92 kg)	300 lb(136 kg)	<b>Shipping Weight</b>	11 lb(5 kg)	6 lb(3 kg)

\* Rated Capacity is that of the load cell. The maximum capacity of a scale should be 50% to 70% of the rated capacity of the load cell. Additional capacities are available. Contact us for more information.

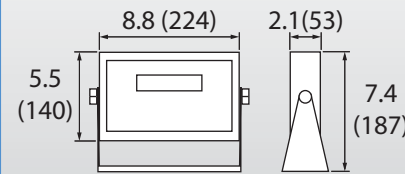
All weights and dimensions are approximate. Dimensions are given in inches and (millimeters).

## Dimensions

	DP-1212	DP-1318	DP-1824	DP-2015	DP-3030	DP-4040
A	12 (305)	13 (330)	18 (457)	15.7 (399)	30 (762)	40 (1016)
B	12 (305)	18 (457)	24 (610)	20 (508)	30 (762)	40 (1016)
C	10.3 (262)	11.8 (300)	14.5 (368)	12.2 (310)	18 (457)	28 (711)
D	10.3 (262)	16.8 (427)	20.5 (521)	17 (432)	24.5 (622)	34.5 (876)
E	3.8 (97)	3.6 (91)	5 (127)	4.5 (114)	8.8 (224)	8.8 (224)



DPI-320



DPI-500

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# DP / DPI Series



by **Yamato**

Use Separately . . .

## DP Series

### Applications

Made of stainless steel, mild steel or enameled steel in sizes from 12" x 12" to 40" x 40", we have a full line of platforms to suit your needs. Our capacities range from 25 to 2000 pounds and from 15 to 1000 kilograms with several NTEP certified Class III, Legal-for-Trade models. Most of our platforms are also NEMA 4X washable, so whatever wet, messy, demanding environment you have, we have the platform for you. Everything from warehouse, factory and industrial applications to seafood, poultry and meat processing. Contact us to find out what we can do for you. Not all of our platforms are pictured here.

### Features

- ◆ Heavy duty stainless steel, mild steel and enameled steel construction
- ◆ A wide range of capacities, up to 2000 pounds or 1000 kilograms
- ◆ Several NTEP certified Class III, Legal-for-Trade models
- ◆ NEMA 4X washdown models
- ◆ Several sizes
- ◆ Fully compatible with our DPI indicators

## In Combination

### Applications

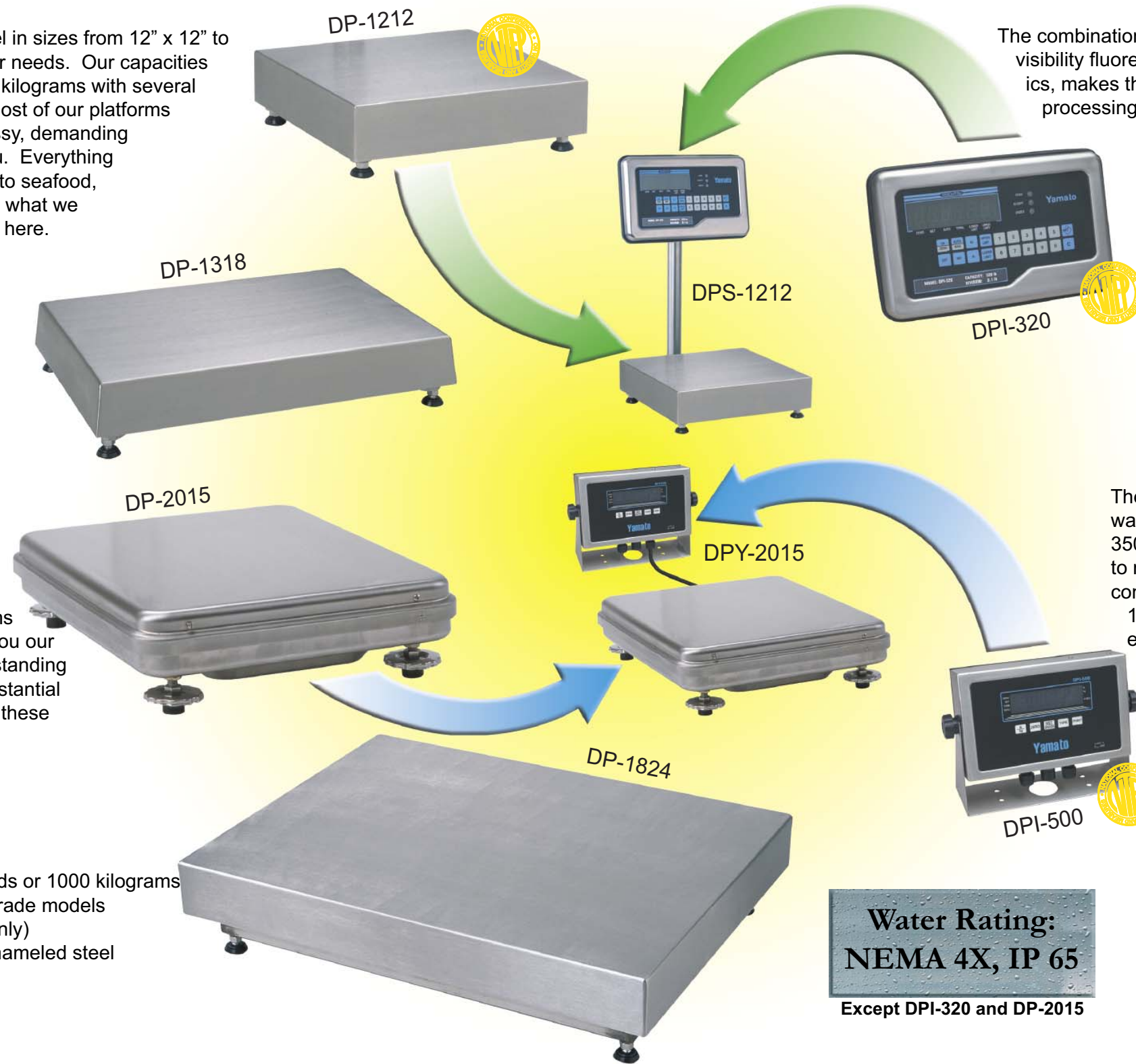
For your convenience, we can combine our platforms with the DPI-320 or the DPI-500 indicators to give you our DPS and DPY series of scales. Combining the outstanding features of our platforms and indicators, all at a substantial savings to you. Contact us for more information on these extremely versatile scales.

### Features

- ◆ Substantial savings
- ◆ Preassembled, ready for use
- ◆ Fluorescent tube display
- ◆ A wide range of capacities, up to 2000 pounds or 1000 kilograms
- ◆ Several NTEP certified Class III, Legal-for-Trade models
- ◆ NEMA 4X washdown models (DPY Series only)
- ◆ Heavy duty stainless steel, mild steel and enameled steel construction
- ◆ Several sizes

### Options

- ◆ Indicator column



. . . Or In Combination!

## DPI-320

### Applications

The combination of a rugged splash-proof stainless steel design, high visibility fluorescent tube display and very stable accurate electronics, makes the DPI-320 a great choice for industrial and food processing applications.

### Features

- ◆ Stainless steel housing
- ◆ Fluorescent tube display
- ◆ Keypad set over/under
- ◆ Net/Gross weighing
- ◆ Push-button and preset tare
- ◆ Automatic zero tracking
- ◆ Center-of-zero indicator
- ◆ Total weight accumulation
- ◆ NTEP certified Class III, Legal-for-Trade

## DPI-500

### Applications

The DPI-500 is a tough, versatile, stainless steel, washdown indicator that can be used to drive up to eight 350 ohm load cells. It is NTEP certified, has a large easy to read fluorescent tube display, has a full duplex RS-232 communication port and can be powered by the included 12 V AC adapter or by a typical 12 V car battery. An excellent indicator for a truck, floor or mechanical scale! With the optional rechargeable battery pack, the DPI-500 is NEMA-4X washable, making it perfect for use in fish, poultry, meat processing or any other wet, messy environment.

### Features

- ◆ Stainless steel housing
- ◆ Fluorescent tube display
- ◆ NEMA 4X washdown
- ◆ Net/Gross weighing
- ◆ Full Duplex RS-232 serial port
- ◆ Automatic zero tracking
- ◆ Center-of-zero indicator
- ◆ NTEP certified Class III, Legal-for-Trade, at 5000 divisions

### Options

- ◆ Rechargeable battery pack

**Water Rating:**  
**NEMA 4X, IP 65**

Except DPI-320 and DP-2015