

# IP67 Compact Bench Scales

# SJ-VWP

## Series



*Soak & Wash!*



# AND

...Clearly a Better Value

A&D Company, Limited  
<http://www.aandd.jp>



# How to Always Keep Your Scale Clean and Hygienic – With No Hard Work

At first glance, you will notice that the SJ-WP series looks remarkably different from any other scales you may have come across before. With this unique construction, A&D offers a number of innovations that promise you maximum efficiency in sanitary management, as well as in weight measurement. Don't even think about buying another scale until you find out what these innovations are below!

## The Ultimate in Hygiene Control

Dirty debris...foul odor...bacteria...(!) Even to the slightest degree, you hate to imagine these things affecting your equipment, don't you? Now set your mind at ease. Let's examine the SJ-WP series piece by piece so you can see why its sanitation standards can be perfectly assured.



### 1 – Externally Mounted Load Cell (Weight Sensor) \*1

This novel design allows the device to be completely sealed for watertightness without compromising the weighing speed and stability due to up and down movement of the load cell changing the air pressure inside. As a result, the stabilization of the SJ-WP series can be as fast as **0.5 seconds**.\*2



### 2 – Stainless Steel (SUS304) Weighing Pan

The surface is resistant to scratches and wear, and is easy to keep disinfected.

### 3 – Transparent Panels Around the Load Cell

The panels hanging from the pan support shield the load cell from debris to keep it clean as well as away from drafts to ensure stable weighing. Since they are transparent, the degree of contamination inside is always visible.



### 4 – Quickly Removable Pan Support

When cleaning is required, you can remove the pan support simply by loosening the four screws using a coin, etc.

### 5 – Integrated Overload Protection Mechanism

The load cell incorporates a stopper and requires no external components for overload protection. The area around the load cell is therefore unobstructed and easy to keep free from debris.



### 6 – Submersible, IP67 Dust and Waterproof \*3

Besides using water from a hose, it is even possible to soak the scale directly in water with ph-neutral detergent for thorough washing.\*4

\*1 Made of aluminum and treated with alumite and silicons to be waterproof and anti-corrosive

\*2 Subject to the weighing environment, display resolution and response characteristic setting

\*3 Permits no infiltration of water while immersed to a depth of 1 meter for 30 minutes

\*4 Please take care not to strongly brush the strain gauge area of the load cell.



## Specifications

		SJ-3000WP	SJ-6000WP	SJ-15KWP	SJ-30KWP
kg	Capacity	3	6	15	30
	Minimum display	0.0001	0.0002	0.0005	0.001
		0.0002	0.0005	0.001	0.002
		0.0005*	0.001*	0.002*	0.005*
	0.001	0.002	0.005	0.01	
lb	Capacity	6.6	13	33	66
	Minimum display	0.0002	0.0005	0.001	0.002
		0.0005	0.001	0.002	0.005
		0.001*	0.002*	0.005*	0.01*
	0.002	0.005	0.01	0.02	
oz	Capacity	105	210	520	1050
	Minimum display	0.005	0.01	0.02	0.05
		0.01	0.02	0.05	0.1
		0.02*	0.05*	0.1*	0.2*
	0.05	0.1	0.2	0.5	
lb-oz	Capacity	6	13	33	66
	Minimum display	0.1			
Counting	Number of samples	5, 10, 20, 50 or 100			
	Maximum count	120,000			
Repeatability (standard deviation)		0.5 g	1 g	2 g	5 g
Linearity		±1 g	±2 g	±5 g	±10 g
Sensitivity drift		±50 ppm / °C (5 °C to 35 °C / 41 °F to 95 °F)			
Display	Weight display	7 segment LCD (character height: 26 mm) with white LED backlight			
	Comparator lights	Tricolor 5-step LED: red / yellow / green / yellow / red			
Display update		20 times / second			
Weighing units		g, kg, lb, oz, ozt, lb-oz, tl (tael), t (tola), pcs (counting), N			
Operating temperature		-10 °C to 40 °C / 14 °F to 104 °F			
Battery life (with LED and backlight OFF)		Approx. 5,000 hours with 6 D alkaline batteries Approx. 2,000 hours with 6 D manganese batteries			
Weighing pan size		232 (W) × 192 (D) mm / 9.18 (W) × 7.6 (D) in			
External dimensions		236 (W) × 260 (D) × 148 (H) mm / 9.3 (W) × 10.2 (D) × 5.8 (H) in			
Weight		Approx. 4 kg / 9 lb			
Standard accessories		Instruction manual, screwdriver			

\* Factory setting



# A&D

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### A&D Company, Limited

3-23-14 Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 JAPAN  
Telephone: [81](3) 5391-6132 Fax: [81](3) 5391-6148  
http://www.aandd.jp

### A&D ENGINEERING, INC.

1756 Automation Parkway, San Jose, CA 95131 U.S.A.  
Telephone: [1](408) 263-5333 Fax: [1](408) 263-0119

### A&D Australasia Pty Ltd.

32 Dew Street, Thebarton, South Australia 5031 AUSTRALIA  
Telephone: [61](8) 8301-8100 Fax: [61](8) 8352-7409

### A&D INSTRUMENTS LTD.

Unit 24/26 Blacklands Way Abingdon Business Park,  
Abingdon, Oxon OX14 1DY UNITED KINGDOM  
Telephone: [44](1235) 550420 Fax: [44](1235) 550485

### <German Sales Office>

Hamburger Straße 30 D-22926 Ahrensburg GERMANY  
Telephone: [49](0) 4102 459230 Fax: [49](0) 4102 459231

### A&D KOREA Limited

Manhattan Bldg. 8F, 36-2 Yoido-dong, Youngdeungpo-gu, Seoul, KOREA  
Telephone: [82](2) 780-4101 Fax: [82](2) 782-4280

### A&D RUS CO., LTD.

Vereyskaya str. 17, Moscow, 121357 RUSSIA  
Telephone: [7] (495) 937-33-44 Fax: [7] (495) 937-55-66

### A&D Instruments India Private Limited

509 Udyog Vihar Phase V  
Gurgaon-122 016, Haryana, INDIA  
Telephone: [91](124) 471-5555 Fax: [91](124) 471-5599