

# Waterpark Scales

## SR1600DT Series

**SR “Purpose-Built”** waterpark scales are designed to move riders quickly and safely using a **Go/No - Go** light system. This provides ride operators a tool to quickly and decisively qualify riders while minimizing potential guest embarrassment and the potential for confrontations.

SR waterpark scales are built from 316 stainless steel and coated with a chemical resistant, tough, non-slip surface which is available in four colors. Combined with the scale's hermetically sealed load cells, these platforms are designed to supply years of maintenance-free use.

Scales can be configured with high and low limits where a minimum and maximum weight may be required. Scales are available in seven sizes, with or without frames, to accommodate riders and meet manufacturer's specified limits for safety.



### NON-SLIP SURFACE

The surface of the scale has a polyurea coating infused with an aggregate to provide a highly durable non-slip surface. This surface is available in five standard colors.

### UP TO (4) SLIDE LIMITS

Each SR waterpark scale comes standard with one 12VDC LED light system that is weight activated, switching between red and green illumination. The scale's upper and lower weight limits are easily programmable. Optionally you can add up to 3 additional light outputs with their own individual weight limits for multiple slides on one tower.

### DATA OUTPUT

Scale comes standard with ModBus communication for integration with industry standard data acquisition systems.

### ACCURACY

0.2% +/- 1 digit of displayed resolution

### POWER

EN60950-1 approved AC/DC power supply

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## Model SR1600DT Series

### SYSTEM SPECIFICATIONS

<b>MAX WEIGHT</b>	2000 Lb / 880 Kg
<b>DISPLAY RESOLUTION</b>	2 Lb / 1 Kg
<b>ACCURACY</b>	0.2% +/-1 digit of displayed resolution.
<b>POWER</b>	Input: 100 - 240VAC @ 50 - 60Hz. Output: 12VDC , 2000 mA DC. Power supply is mounted inside a metal enclosure within the display. The operating temperature range is -40°C to +80°C

<b>DISPLAY HOUSING</b>	NEMA 4x enclosure with latching door. Boxes are supplied with 3/4" push-lock fittings for liquid tight conduit and an external sealed zero/weight button.
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<b>LIGHT OUTPUTS</b>	Each SR waterpark scale comes standard with one 12VDC LED light system that is weight activated, switching between red and green illumination. The scale's upper and lower weight limits are easily programmable by the park. SR1600DT scales come with four individually programmable light outputs where optional lights can be added to the system for multiple-ride use.
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<b>WARRANTY</b>	2 years
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### DIMENSIONS

Model #	A	B	C	D	E
SR1600DT-13	24"	24"	-	-	2-3/4"
SR1600DT-12	24"	24"	28-1/2"	28-1/2"	3-1/4"
SR1600DT-1	24"	36"	-	-	2-3/4"
SR1600DT-4	24"	36"	28-1/2"	40-1/2"	3-1/4"
SR1600DT-11	24"	63"	-	-	2-3/4"
SR1600DT-10	24"	63"	28-1/2"	67-1/2"	3-1/4"
SR1600DT-8	24"	84"	-	-	2-3/4"
SR1600DT-9	24"	84"	28-1/2"	88-1/2"	3-1/4"
SR1600DT-3	36"	54"	-	-	2-3/4"
SR1600DT-5	36"	54"	40-1/2"	58-1/2"	3-1/4"
SR1600DT-6	48"	48"	-	-	2-3/4"
SR1600DT-2	48"	48"	52-1/2"	52-1/2"	3-1/4"
SR1600DT-7	55-1/2"	55-1/2"	-	-	2-1/4"
SR1600DT	55-1/2"	55-1/2"	60"	60"	3-1/4"

Scales without "C" and "D" dimensions are freestanding scales without a built-in frame.

