



# 4300

Checkweigh Scale

## The Solution to Improving Quality Control and Accurate Plant Floor Data Collection

### Key Benefits

#### Easy Operation

#### Advanced Capabilities

Simple to use with minimal operator training. Set the scale's Over/Under tolerances from the front panel using the Up/Down arrow buttons. Perform quality control tasks with the three zone operation or switch to five zone for more precise process control. Use one of the Ethernet options to collect accurate plant floor data across a network.

#### IP69K - Washdown Safe

Constructed of 304 stainless steel, the 4300 meets and exceeds IP69K classification for washdown protection.

#### 1000% Overload Protection

With the unique "Quad Spring" base design, Doran Scales has virtually eliminated the most common load cell damage caused by shock and overload damage. Protected to up to 10 times capacity, the 4300 Checkweigh Scale sets the new industry standard - A Doran Exclusive!



# 4300

## Checkweigh Scale



Choose from a variety of models that include columns and attachment brackets to place the weight indicator at an ideal height for your weighing application.

	Platform Size	Capacity (LB)	Capacity (KG x G)	Capacity (OZ)
Quad Spring	8" x 8"	2 x 0.0005	0.9 x 0.2g	32 x 0.01
	8" x 8"	5 x 0.001	2.3 x 0.5g	80 x 0.02
	8" x 8"	10 x 0.002	4.5 x 1g	160 x 0.05
	8" x 8"	25 x 0.005	11.3 x 2g	400 x 0.1
	10" x 10"	2 x 0.0005	0.9 x 0.2g	32 x 0.01
	10" x 10"	5 x 0.001	2.3 x 0.5g	80 x 0.02
	10" x 10"	10 x 0.002	4.5 x 1g	160 x 0.05
	10" x 10"	25 x 0.005	11.3 x 2g	400 x 0.1
	10" x 10"	50 x 0.01	22.7 x 5g	800 x 0.2
	12" x 12"	50 x 0.01	22.7 x 5g	800 x 0.2
	12" x 12"	100 x 0.02	45 x 10g	1600 x 0.5
	15" x 15"	50 x 0.01	22.7 x 5g	800 x 0.2
	15" x 15"	100 x 0.02	45 x 10g	1600 x 0.5
	15" x 15"	200 x 0.05	91 x 20g	3200 x 1
Six-Point	18" x 18"	100 x 0.02	45 x 10g	1600 x 0.5
	18" x 18"	250 x 0.05	113 x 20g	4000 x 1
	18" x 18"	500 x 0.1	227 x 50g	8000 x 2
	18" x 24"	250 x 0.05	113 x 20g	4000 x 1
	18" x 24"	500 x 0.1	227 x 50g	8000 x 2
	24" x 24"	250 x 0.05	113 x 20g	4000 x 1
	24" x 24"	500 x 0.1	227 x 50g	8000 x 2
	24" x 24"	1000 x 0.2	454 x 100g	16000 x 5

### Features

#### Indicator

- Built in America
- Checkweigh with 3 or 5 zone checkweighing operations
- A variety of data communication options including, wired Ethernet, WiFi, USB, Bluetooth or 4-20mA
- Optional audible alarms
- 304 stainless steel construction
- IP69K washdown protection
- Bright red, 0.8" tall 6 digit LED display
- Heavy duty touch panel with ZERO, OVER, UNDER, UNITS, and PRINT controls
- Units of measure: lb, kg, oz, g, or lb:oz
- Legal for trade in US and Canada
- Dimension configuration software

#### Scale Platform

- 304 stainless steel construction
- "Quad-Spring" base design provides 1000% overload protection in scale bases 15" x 15" and smaller
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection

### Specifications

Warranty	Two Years
Power Input	100 - 240VAC 50/60Hz
Optional Battery	Internal rechargeable battery, 60 hrs. of continuous use
Optional Communication Interfaces	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
Resolution Range	200d to 50,000d
Number of Load Cells	Up to eight 350 Ohm
Serial Interface	Two Bi-directional RS-232 ports
Controls	ZERO, OVER, UNDER, UNITS, and PRINT
Digital I/O	Two remote switch inputs
Temperature Range	14° to 140° F (-10° to +40° C)
Analog Sensitivity	0.16 $\mu$ V/e min., 0.5 $\mu$ V/e typical
System Linearity	0.01% full scale
Analog Signal Range	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage	5 VDC

### Approvals

NTEP



Indicator  
(10,000d)  
97-038A1

Platform  
(5,000d)  
97-097A1, 13-110

Measurement Canada



Indicator  
(10,000d)  
AM-5201

Platform  
(5,000d)  
AM-5241, AM-5926