doran®

4200 DIGIBAR®
Digital BarGraph Checkweigher

NTEP
NATIONAL CONFERENCE ON WEIGHTS AND MEASURES

Model 4200
CC #01-154, 89-213A,
89-113A, 90-074,
n_max = 20000d
Class III

- **High Tech...Stainless Steel Tough**
- **User Programmable Touch Panel**
- **Dual Display...Digital Weight and DIGIBAR®**
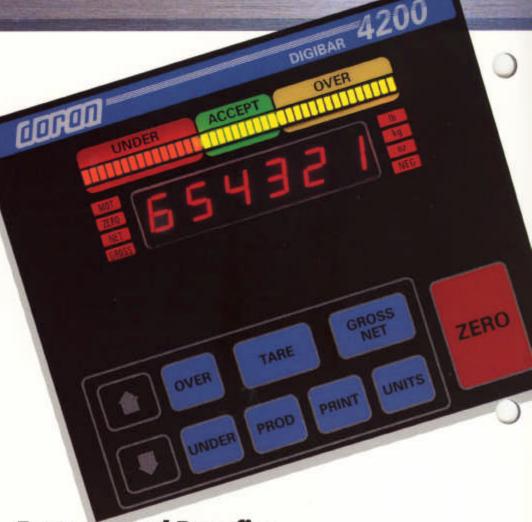- **20 Product Memory For Tare/Tolerance**

DORAN®

Checkweighing shouldn't have to be guesswork. With the Doran 4200 Digital BarGraph Checkweigher, you know instantly – no guessing – whether the product being weighed is within your preset tolerance limits.

The difference is the DIGIBAR® the 4200's unique tri-color bar format, which is clear and understandable to even first-time users. When the green ACCEPT bar lights, you can trust it's within range. If the product is out of limits, the red UNDER or yellow OVER bars clearly indicate this, signaling you with the brightest display available.

The Doran Model 4200 Digital BarGraph Checkweigher combines speed and precision with the flexibility of touch-panel programming. You determine the sensitivity of the exclusive DIGIBAR feature, to as low as 0.2 grams. The 4200 will update 10 times per second, greatly increasing throughput.

The 4200 is engineered to provide a solution to your weighing requirements. Its washdown safe stainless-steel construction makes it durable enough for any weighing task, in even the harshest environments. Applications include checkweighing, portion control, weigh/fill operations, and parts count verification.

Take the guesswork out of checkweighing. Rely on the accuracy, durability and versatility of the Doran 4200.

Features and Benefits

- Programming via the water resistant touch panel makes setup fast, easy, and accurate.

- Set tare and over/under tolerances with actual samples or set the exact digital values by using the Up/Down arrow keys on the touch panel.

- Display weight in pounds, ounces, kilograms/grams or pounds/ounces.

- Store twenty product tares and checkweigh tolerance values with a touch of the PROD button. (200 product memory optional.)

- Coated load cell provides environmental protection against moisture and dust - a standard Doran feature.

- Two year warranty on parts & labor.

- Washdown-safe 304 stainless steel construction withstands punishing environments. Electronics are NEMA 4X sealed.

- Doran's exclusive software "filter" provides stable weights in less than one second.

- The DXL Base incorporates our "Quad Spring" design providing up to 1000% overload protection.

- NTEP certified and USDA approved. Meets accuracy requirements of N.I.S.T. Handbook 44, Class III, 3000 divisions, C. of C. 91-154A1 & 97-097A1.

- Configurable RS-232 printer interface provided (RS-422 and RS-485 option available).

UNDER	ACCEPT	OVER

The DigiBar feature allows the user to monitor weights accurately, as each LED indicator light illuminates independently.

User-Programmable Features

- **Digital Averaging**. Nine anti-vibration software filter settings.

- **Update Rate**. 10 Updates per second nominal

- **Display Resolutions** 1:3000, 1:6000 or 1:10000

- **Auto Zero Tracking** 0,0.5,1 or 3 graduations.

- **Motion Aperature** 1, 3 or 5 graduations.

- **Auto Calibration**. 2-point auto-cal.

- **Serial Baud Rate**. 300, 1200, 2400 4800, 9600 or 19,200.

- **Data Output Mode**. On demand, continuous, auto-print 1, 2, 3.

- **Keyboard Disable** Activates/deactivates front panel controls.

- **Print Formats**. User selectable via set up mode.

PLATFORM SIZE (IN.)			POUNDS		KILOGRAMS		OUNCES	
10 x 10	12 x 12	15 x 15	Cap.	Res.	Cap.	Res.	Cap.	Res.
4205	---	---	5	0.002	2.3	1g	80	0.05
			5	0.001	2.3	0.5g	80	0.02
			5	0.0005	2.3	0.2g	80	0.01
4215	4215/12S	---	15	0.005	6.8	2g	240	0.1
			15	0.002	6.8	1g	240	0.05
			10	0.001	4.5	0.5g	160	.02
4230	4230/12S	---	30	0.01	13.6	5g	480	0.2
			30	0.005	13.6	2g	480	0.1
			20	0.002	9.1	1g	320	0.05
---	4260/12S	4260/15	60	0.02	27	10g	960	0.5
			60	0.01	27	5g	960	0.2
			50	0.005	23	2g	800	0.1
---	42100/12S	42100/15	100	0.05	45	20g	1600	1
			100	0.02	45	10g	1600	0.5
			100	0.01	45	5g	1600	0.2
---	---	42200/15	200	0.1	91	50g	3200	2
			200	0.05	91	20g	3200	1
			200	0.02	91	10g	3200	0.5

Note: Larger bases up to 24" x 24" available with the 4200 Wall Mount Tower.