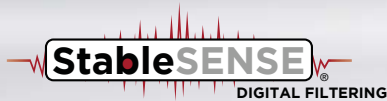# JAC318 weight indicator
#4886

VERSATILE
- Flexible Print Formats
- Digital Fill Control
- 25 ID's

POWERFUL
- Four Serial Ports
- USB-B Standard
- USB-A Optional

RUGGED
- Stainless Steel Washdown Enclosure
- USA-Made Quality

StableSENSE®
DIGITAL FILTERING

CHECKWEIGHING
8 Preset Weight Comparators

BOLD DISPLAY
Six-digit, 0.6-in (15-mm) high LED

WASH DOWN

CAPACITY

UNDER ACCEPT OVER
PWC1 PWC2 PWC3 PIECES

tn
g
lb
oz
kg
l

ZERO NET GROSS TARE

ZERO REVIEW | TARE | NET GROSS | TARE | UNITS TEST

ON/OFF | Fn | TIME DATE | PRESET | PRINT

7 PQRS | 8 TUV | 9 WXYZ
4 GHI | 5 JKL | 6 MNO
1 YES | 2 ABC | 3 DEF
0 NO | ENTER | *

NUWEIGH

JAC 318 WEIGHT INDICATOR

FUNCTION KEY
Enables custom applications

ALPHANUMERIC KEYPAD
Enter up to 25 IDs just like you would on a mobile phone

nControl

USA MADE

Stainless Steel
The Value Option

Loaded with Time-Tested Features
Nuweigh's USA-made JAC 318 Weight Indicator indicator are ideal for a wide variety of weighing applications ranging from bench and floor scales to the most sophisticated vehicle scale. The four serial ports and wireless capability with SnapStream ease interfacing with remote displays, printers and PC's.

Livestock Weighing
Whether you're weighing a single animal or an entire herd, the 318 indicator makes it simple. Cardinal's StableSENSE® digital filter minimizes the effects of moving livestock while the 318 can provide time, date, ID, consecutive number, gross weight, head count and average head weight for recording.

Complete Ticket Configurability
Convenient print tab settings with X-Y coordinates make it easy to set up a ticket with the information you need to print for any ASCII printer. With Nuweigh's powerful nControl software you can create additional custom print formats for truck tickets, weight receipts, and even bar-coded labels to your specifications.

Digital Fill Control
Nuweigh's model JAC 318 indicator supports single and dual-speed digital fill control operation and allows a variety of discharge gate configurations. The 318 includes up to 25 stored preset / accumulators and remote inputs for Zero, Tare, Gross, Units, Start, Stop and Print.

NUWEIGH JAC 318

Time: 1:24   10/05/2014

Control Number   764351

Product ID   Oranges

GROSS 35.05 kg

TARE 1.05 kg

Net 34.00 kg

JAC 318 Standard Features:

- Push-button Tare
- Gross, Tare, Net display
- Selectable key lockout
- Hi-Resolution mode
- StableSENSE® adjustable filtering
- Gross and Net accumulators
- Four serial ports
- USB interface
- Programmable print format using Visual Print or nControl (2 Visual Tickets available)
- SMA level 2 compliant serial communications (For more information see http://www.scalemanufacturers.org)
- Field re-programmable via PC connection
- Test feature (performs display and internal tests)
- Auto Shutoff and Sleep modes

JAC 318 Exclusive Features:

- Alphanumeric keypad
- Keypad Tare
- Count feature with accumulator
- Time and Date with selectable 12 or 24 hour format
- Checkweigher
- Eight (8) preset weight comparators
- Animal weigher
- ID storage
- 2-Speed fill control
- Eight (8) remote inputs for Zero, Tare, Gross, Units, Start, Stop and Print (1,000 feet maximum)

Optional Features:

- Analog output
- PLC interface (Remote I/O, EIP, Modbus TCP)
- 10/100 mbps Ethernet TCP/IP adapter
- Additional serial port
- Internal relay box
- External relay box
- Column mounting
- Checkweigher light bar

Versatile Connectivity

The JAC 318 features four bi-directional serial ports, USB-B standard, USB-A optional, plus the JAC 318 offers 8-channel inputs/outputs.

USB-B Standard

USB-A Optional

Wireless Options

When equipped with Nuweigh Scale's proprietary SnapStream Wireless Interface, the JAC 318 indicator can send weight data wirelessly to a host of peripheral equipment including printers, remote displays, PCs and networks. SnapStream is a fully integrated NTEP legal-for-trade wireless scale system for use in both commercial and non-commercial applications.

Custom Applications

Need a special application? Nuweigh's in-house software team is ready to write special software for the JAC 318 to meet your unique requirements.

SPECIFICATIONS

Power Requirements:	100 to 240 VAC (50/60 Hz) at 0.4A Max.
Enclosure Type:	Stainless steel wall or desk-mount
Enclosure Size:	233-mm W x 191-mm H x 79-mm D
Weight:	3.7 kg
Operating Environment:	Compensated Temperature Range: 14 to 104 °F (-10 to 40 °C) Operating Temperature Range: -10 to 122 °F (-23 to 50 °C) Humidity: 90% non-condensing (maximum)
Display:	Six-digit, seven-segment, 0.6-in (15-mm) high LED
Transducer Excitation:	9.4 VDC
Signal Input Range:	1.0 mV min. to 40 mV max. (with dead load boost)
Number of Load Cells:	8 each 350-ohm load cells
Load Cell Cable Length:	1,500 feet (457 m) maximum (requires the use of sense lines). Consult factory for other requirements. 30 feet (9 m) maximum without sense lines.
Division Value:	Commercial: 1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 Non-commercial: 1 to 99 x 10, 1, 0.1, 0.01, 0.001

Sensitivity:
 	
    NON-TRADE
    NMI
	
	0.15 uV/e
	0.5 uV/e (Class III)

Scale Divisions:
 	
    NON-TRADE
 	
    NMI
	
	100 to 240,000
	
	500 to 10,000 (Class III)

Internal Resolution:	1 part in 16,777,216
Tare Capacity:	Scale capacity
Sample Rate:	1 to 100 samples per second, selectable
Auto Zero Range:	0.5 or 1 through 9 divisions
Weighing Units:	Tons, Pounds, Pounds-Ounces, Ounces, Metric Tons, Kilograms, Grams
Keypad:	Colour-coded membrane type, 7 keys Colour-coded membrane type, 22 keys
Standard I/O:	4 ea serial I/O ports configured as: 1 ea 20mA output-only ports (uses one of the four RS-232 ports) 1 ea bi-directional 20mA port (uses one of the four RS-232 ports) 1 ea USB port (uses one of the four RS-232 ports) 8 ea remote isolated inputs 8 ea remote isolated outputs