NUWEIGH

JAC825

#3884

OIML

NTEP

LEGAL FOR TRADE

Nuweigh's Model 825 Digital Weight Indicator

Features a Full *SPECTRUM* of Colours

- 640 x 480 Pixel Backlit Interactive Touchscreen LCD
- Color-Coded QWERTY Keyboard for Easy Data Entry
- Two ColdFire® Processors and 64 MB User Memory
- Navigation Keys Combine with Intuitive Menus

The 825 is loaded with inclusive features and applications ready out of the box!

825 SPECTRUM

Truck/ID Storage

View Full Reports Onscreen

Versatile and extensive truck/ID storage reports with the 825 Spectrum.

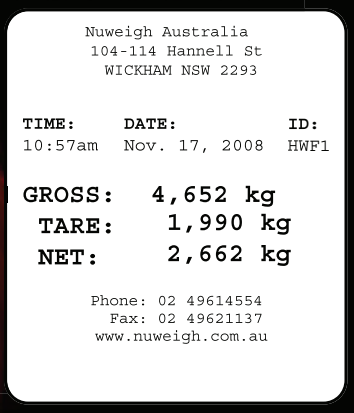
Filter through truck/ID storage and accumulator data and view reports based on specific criteria directly onscreen in no time at all with the 825 Spectrum's speedy pair of 32-bit ColdFire® processors and 64 MB user memory. Sort by company name, truck number, fleet, ID, accumulator, time, date, oldest load or newest load. Reports may be viewed onscreen and/or printed, plus the truck storage database may be shared with a PC for creating, editing, sorting, and billing.

Convenient Ticket Setup

Type in Ticket Headers and Footers

Complete ticket configurability in the 825.

Convenient tab settings with X-Y coordinates allow operators to set up tickets easily for any ASCII printer. Up to five lines of header and footer may be created for text, data, and control codes. Cardinal also offers **VISUALIZER** software for custom tickets.



Easily Access Individual Weights

Nuweigh's 825 Spectrum provides optimum inventory management for tank farms.

Instantly determine material inventory with the 825's ability to view 10 scales onscreen simultaneously. The power of the Spectrum's large 640 x 480 pixel color LCD becomes apparent when, in one scan of the eye, you can check on your entire tank farm's stocking levels. By touching a scale's weight onscreen, the indicator brings up the individual scale's information to set zone target values and ranges, zero weight, and apply tare weights.

Intuitive Setup and Configuration Menus

Easy to Set Date and Time

The 825 Spectrum thinks like you do with intuitive setup and configuration menus.

The 825 Spectrum's large screen size provides ample space for detailed setup and configuration headers with descriptive choices about available options. You may set up the Spectrum with your own preference of onscreen colors and sounds using the convenient interactive touch screen and navigation keys. Up to eight operators (one administrator and seven configuarable users) may be established for use with up to 25 levels of permission. The View Audit Trail section is useful for state inspectors and scale technicians providing information on calibration and parameter changes. Time and Date configuration is easy to set up with 12 or 24 hour operation.

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File Management Via Internal Web Server

Transfer data with the 825 Spectrum over a network or Internet connection:

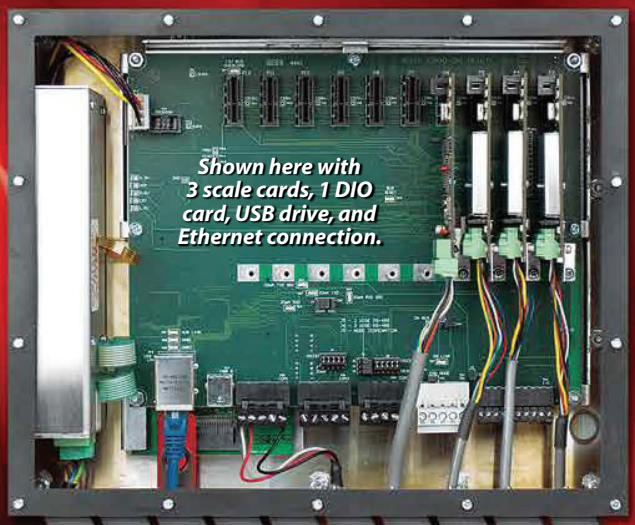
In the Office • Across Town • Around the World

EASY DATA TRANSFER

Files stored on 825 Spectrum

Database file being transferred from USB drive

Nuweigh model 825 Spectrum digital weight indicator



Shown here with 3 scale cards, 1 DIO card, USB drive, and Ethernet connection.

The 825 Spectrum's USB drive supports data transfer, USB QWERTY keyboards, and Cardinal-supported printers.

Copy files with ease to and from the indicator (bottom of 825 Spectrum shown to the left).

THE COMPLETE TRUCK SCALE SOLUTION

CONNECTIVITY

- 8 DIGITAL I/O (4 INPUT/4 OUTPUT)
- DEVICENET/ICAN
- 3 SERIAL PORTS (RS232/RS422)
- 64 MB USER MEMORY
- 10 OPTION SLOTS AVAILABLE
- OPTIONAL SCALE INPUT CARDS
- UP TO 8 GB USB MEMORY STORAGE
- ETHERNET CONNECTION (TCP/IP OR EIP)
- USB CONNECTION (2 USB-A / 1 USB-B)
- OPTIONAL 8 PROGRAMMABLE I/O'S

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Nuweigh Model 825

NUWEIGH

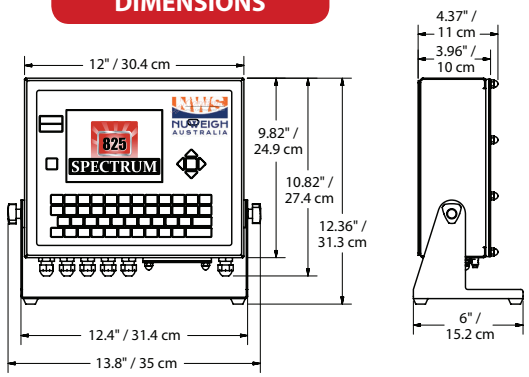
DIGITAL WEIGHT INDICATOR

825 SPECTRUM

SPECIFICATIONS

Power Requirements:	90 to 264 VAC (50/60 Hz)
Enclosure Type:	Stainless steel
Weight:	16.2 lb / 7.3 kg (includes gimbal)
Operating Environment:	Temperature: 14 to 104 ˚F (-10 to +40 ˚C) Humidity: 90% non-condensing (maximum)
Display Size:	5.25" W x 4.0" H / 133 mm W x 102 mm H
Display Resolution:	640 x 480 pixel matrix color backlit LCD
Transducer Excitation:	10.85 VDC
Load Cell Cable Length:	1260 feet maximum with sense lines 30 feet maximum without sense lines *Consult factory for other requirements*
Division Value:	1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 and 0.0001 commercial 0 to 99, non-commercial
Signal Input Range:	1.0 mV min. to 33 mV max. (with dead load boost)
Number of Load Cells:	Up to 14 per SIB / 48 - 350 ohm load cells total
Sensitivity:	
NON-COMMERCIAL	0.15 uV/e
CANADA	0.3 uV/e (Class III/IIIHD)
OIML	0.5 uV/e (Class III)
Max Scale Divisions:	
NON-COMMERCIAL	240,000
CANADA	10,000 (Class III/IIIHD)
OIML	10,000 (Class III), 1000 (Class III)
Internal Resolution:	>100,000 counts
Tare Capacity:	Six digits (999,999)
Sample Rate:	1 to 200 samples per second, selectable
Auto Zero Range:	0.5 or 1 through 9 divisions
Weighing Units:	Tons, pounds, tonnes (metric tons), kilograms, and custom
Keypad:	Membrane type with 52 color-coded keys and touch screen display with multiple programmable soft keys
Sound:	Configurable audio beep
Standard I/O:	1 each bi-directional RS-232 port 1 each bi-directional RS-232/20mA port 1 each bi-directional RS-232/RS485 port 1 each DeviceNet/ICAN port 4 each isolated inputs and 4 each isolated outputs ports 1 each 10/100 Base-T Ethernet port (TCP/IP or EIP) 2 each USB A host port 1 each USB B device port

DIMENSIONS



VISUALIZER

CERTIFICATIONS

NTEP 08-046 | OIML R76/1992-DK1-08.03 | MEASUREMENT CANADA AM-5700C | ISO REGISTERED 9001

Distributed by:

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