Cardinal's Model 825 Digital Weight Indicator

Features a full spectrum of colours

- **640 x 480 Pixel Backlit Interactive Touchscreen LCD**
- **Colour-Coded QWERTY keyboard for easy data entry**
- **Two ColdFire Processors and 64MB User Memory**
- **Navigation Keys Combine with Intuitive Menus**

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 on screen 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 on screen and/or printed, plus the truck storage database may be shared with a PC for creating, editing, sorting and billing.

Complete ticket configurability in the 825
Convenient tab settings with X-Y co-ordinates allow operators to set up tickets easily for any ASC11 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.

Cardinal's 825 Spectrum provides optimum inventory management for tank farms
Instantly determine material inventory with the 825's ability to view 10 scales on screen simultaneously. The power of the Spectrum's large 640 x 480 pixel colour 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 on screen, the indicator brings up the individual scale's information to set zone target values and ranges, zero weight, and apply tare weights.

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 colours and sounds using the convenient interactive touch screen and navigation keys. Up to eight operators (one administrator and seven configurable users) may be established for use with up to 25 levels of permission. The View Audit Trial 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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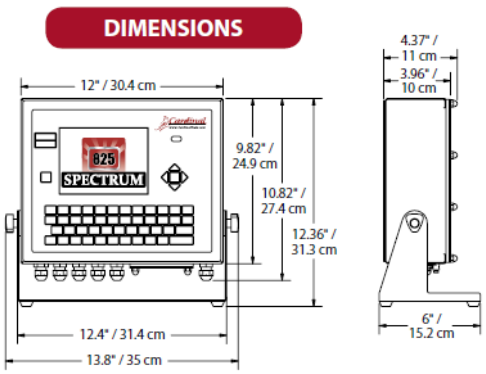
Power Requirements:	90 to 264 VAC (50/60 Hz)
Enclosure type:	Stainless Steel
Weight:	16.2lb/ 7.3 kg (includes gimbal)
Operating Environment:	Temperature: 14 to 104℉ (-10 +40˚C) Humidity: 90% non-condensing (maximum)
Display Size:	5.25"W x 4.0" H/ 133mm W 102mm H
Display Resolution:	640 x 480 pixel matrix colour 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, 0.001 and 0.0001 commercial 0 to 99, non-commercial
Single 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: **Internal Resolution:**	Non Commercial: 240,000 Canada: 10,000 (Class III/IIIHD) OIML: 10,000 (Class III) 1000 (Class III) >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 colour-coded keys and touchscreen 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

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