CARDINAL ®

225 NAVIGATOR

Cardinal Scale Model 225 Weight Indicator

Digital Weight Indicator
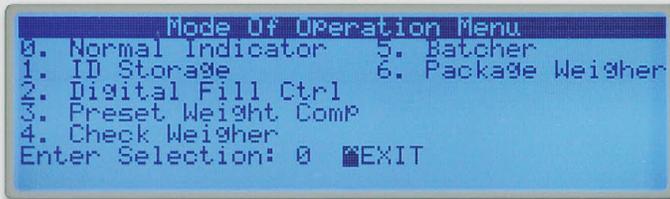## Completely Menu-Driven Set-up Navigation

TRUCK ID STORAGE

Entering, viewing, and storing truck names is easy with the 225 Navigator's convenient Truck ID menu. Complete alphanumeric descriptions for truck and material prompts make storing and recalling tare weight values quick and simple. The 225 can store up to 200 IDs with cross reference, plus an additional 200 temporary IDs.

BATCHING

The 225 Navigator's dazzling graphics display is perhaps most apparent during batching set-up. Formula ingredients can be named for quick recognition, and, if desired, Cardinal can custom program display prompts and images.

225 NAVIGATOR

INTUITIVE SET-UP & CONFIGURATION

Convenient navigation keys combine with a completely menu-driven interface to guide you through the set-up steps. For example, to configure ID storage, select number 1 as the Mode of Operation. You can then access other ID-related set-up screens like the ID counter by answering follow-up questions.
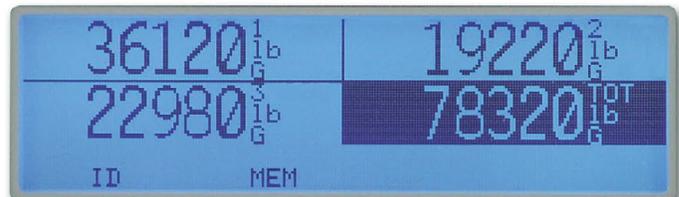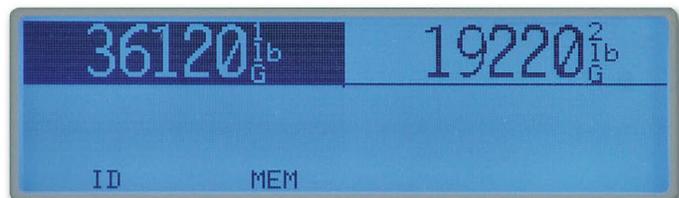

DIGITAL FILL CONTROL

The 225 Navigator's easy-to-use set-up screens economize time configuring weighing operations. You can quickly configure and update the 225 Navigator to meet your specific operational requirements for your weighing application.
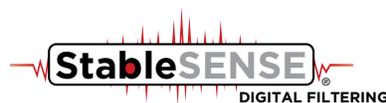
The 225 supports single and dual-speed digital fill control operations with static or dynamic trim which allows a variety of discharge gate configurations. The 225 features remote inputs for Gross, Net, Tare, Print, Zero, Start, Stop, and Dump commands.

View up to 3 scales and total weight simultaneously with the optional dual scale input card (no special software is needed).

Use the 225's navigation keys to quickly toggle between scales.
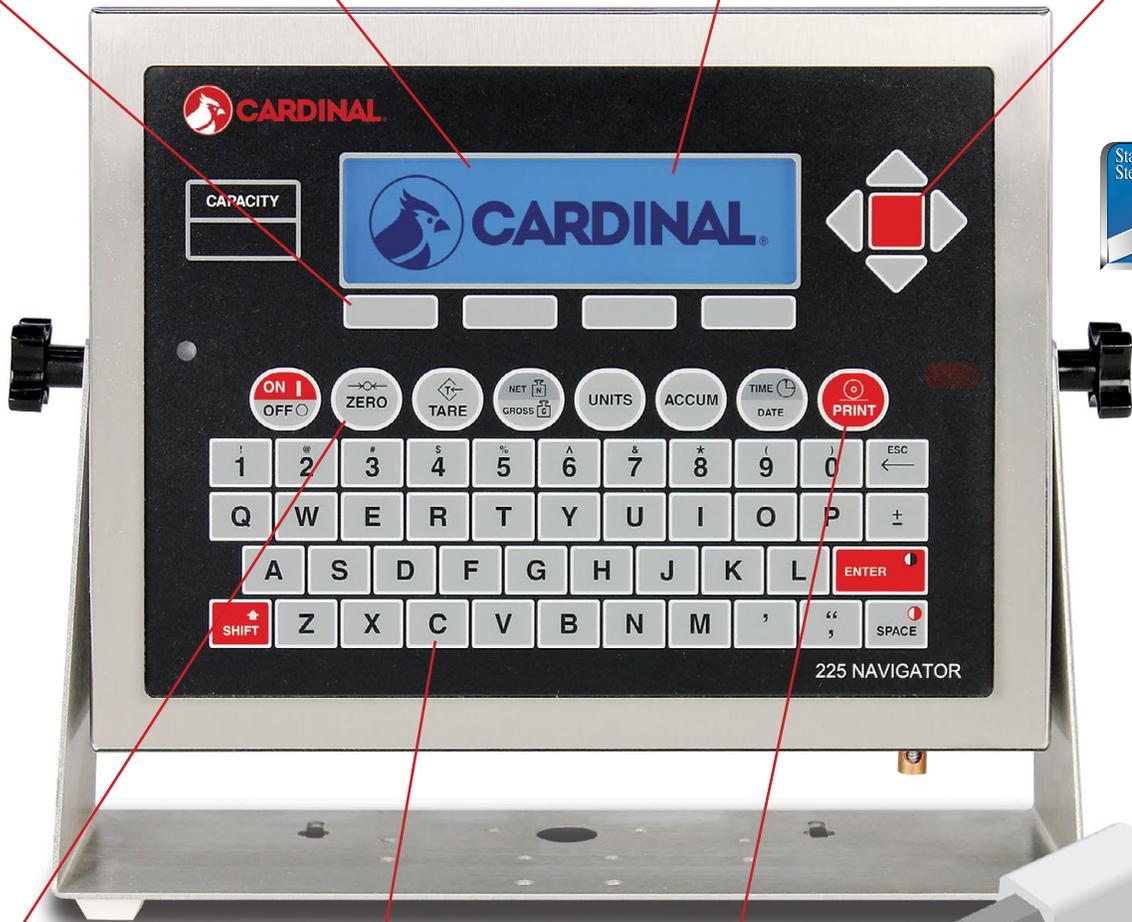
StableSENSE
DIGITAL FILTERING

The 225 Navigator features StableSENSE® digital filtering which utilizes proprietary software algorithms to remove or greatly reduce changes in the weight display resulting from movement on the scale platform. Any application affected by vibration or movement on the scale platform can benefit from this filter.

4 SOFT KEYS
Allows menu-driven user-friendly operation

BACKLIT LCD
Bright and bold indoors or in direct sunlight

GRAPHICS DISPLAY
240 x 64 pixel graphics LCD with 1-in/25-mm-high weight digits

NAVIGATION KEYS
Interactive ENTER and scroll arrows

Stainless Steel *The Value Option*

CAPACITY

225 NAVIGATOR

FIXED FUNCTION KEYS
Easily accessible for commonly-used tasks

QWERTY KEYBOARD
Full alphanumeric keypad for data entry

PRINTER OUTPUT
nControl software for label/ticket creation

nControl

USB-B PORT
USB-B standard (PC-only connectivity. USB cable not included)

- Piece Count Feature with Accumulator
- Checkweigher (3 or 5 Zone, Setup Selectable)
- 8 Input Control Lines
- 16 Output Control Lines
- Remote Inputs of Gross, Net, Tare, Print, Zero, Start, Stop, and Dump Commands
- Multiple Reports
- Electronic Tally Roll
- Consecutive Numbering
- Gross, Tare, Net Calculation
- Keypad and Pushbutton Tare
- Selectable Key Disable
- StableSENSE® Adjustable Filtering
- 16 Preset Weight Comparators
- Accumulator – Gross, Net, or Batch
- Multi-Interval (Dual Range) for Single or Multiple Scales
- 200 IDs with Cross Reference and an Additional 200 Temporary IDs
- Multi-Point Calibration and High-Resolution Mode
- Batching (up to 15 Ingredients/Bins - 1 Speed, or up to 7 Ingredients/ Bins – 2 Speed with Static or Dynamic Trim)
- Time and Date with Selectable 12 or 24 Hour Operation
- 6 Programmable Print Formats Using Cardinal's nControl
- SMA Level 2 Compliant Serial Communications

Rugged IP66 Stainless Steel Enclosure

WASH DOWN

——Specifications——

Power Requirements:	100 to 240 VAC (50/60 Hz) at 0.4A Max.
Enclosure Type:	Stainless steel wall or desk-mount
Enclosure Size:	10.8 in W x 3.2 in D x 8.3 in H / 275 mm W x 80 mm D x 210 mm H
Weight:	9.2 lb / 4.2 kg (Size and Weight does not include mounting bracket stand)
Operating Environment:	Temperature: 14° to 104° F (-10° to +40° C) Humidity: 90% non-condensing (maximum)
Display:	240 x 64 pixel (5 in W x 1.33 in H / 127 mm W x 34 mm H) monochrome graphics LCD with white LED backlight
Annunciators:	Zero, ID, mem, stable, accum, max, over, under, accept, 16 preset weight comparators
Keypad:	60 key color-coded keypad with QWERTY keys plus four soft keys and 13 function keys
Transducer Excitation:	12 VDC
Signal Input Range:	1.0 mV min. to 40 mV max. (with dead load boost)
Scales:	1 each standard, 3 each with optional 225-DS dual scale input board
Number of Load Cells:	14 each, 350 OHM minimum resistance
Load Cell Cable Length:	1,500 feet maximum with sense lines 30 feet maximum without sense lines
Division Value:	1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 and 0.0001 commercial 0 to 99, non-commercial
Sensitivity: 　**NON-COMMERCIAL** 　**NTEP** 　**CANADA** 　**OIML**	0.15 uV/e 0.3uV/e (Class III/IIIL) 0.3uV/e (Class III/IIIHD) 0.7 uV/e (Class III)
Scale Divisions: 　**NON-COMMERCIAL** 　**NTEP** 　**CANADA** 　**OIML**	100 to 240,000 100 to 10,000 (Class III/IIIL) 100 to 10,000 (Class III/IIIHD) 100 to 10,000 (Class III)
Internal Resolution:	1 part in 16,777,216
Tare Capacity:	Six digits (999,999)
Sample Rate:	1 to 100 samples per second, selectable
Auto Zero Range:	0.5 or 1 through 9 divisions
Weighing Units:	Tons, Pounds, Ounces, Tonnes (Metric Tons), Kilograms, Grams, Custom
Standard I/O:	4 each serial I/O ports configured as: 3 each bi-directional RS-232 ports or 2 each 20mA output-only ports 1 each USB-B port 1 each bi-directional 20mA port 8 each remote isolated inputs 16 each remote isolated outputs

NTEP
LEGAL FOR TRADE
01-011

OIML
1992-DK-01.02

MEASUREMENT CANADA
AM-5397

ETL LISTED

CE

MADE IN USA
of American and foreign components

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