

225 NAVIGATOR

WEIGHT INDICATOR



225D-S stainless steel
weatherproof weight indicator



225D-D desktop indoor
weight indicator

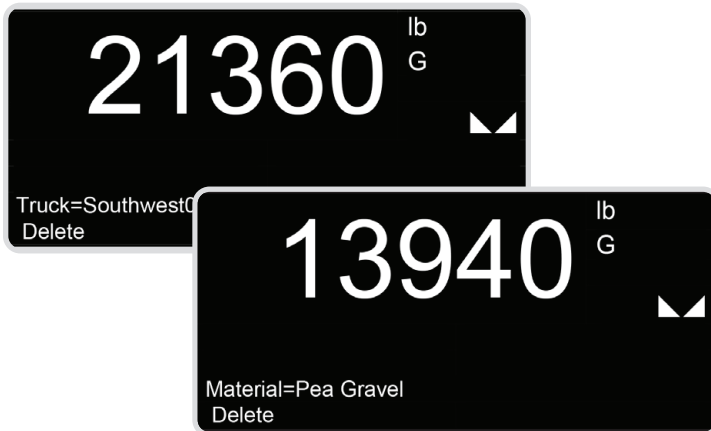
Available in desktop and stainless steel versions for analog or digital scales





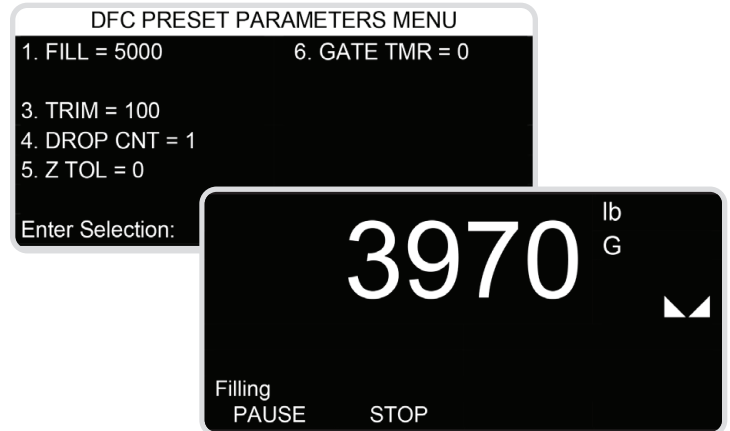
Powerful Functionality with Simplified Navigation

Advanced Truck Weighing ID Storage and Many Other Applications



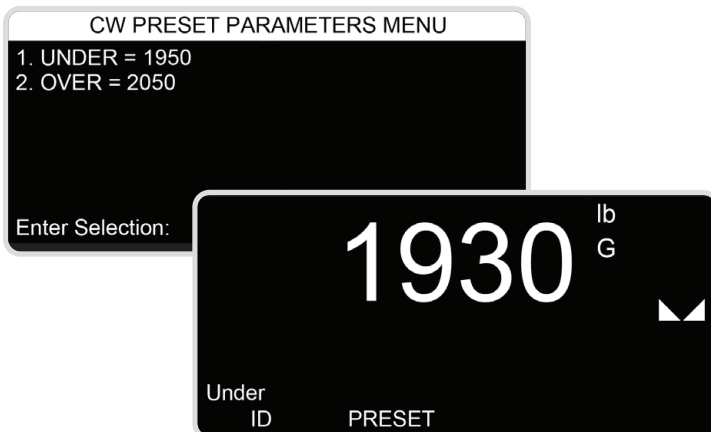
ID STORAGE

The 225 features one or two-pass operation and provides up to 3 ID prompts for each weighment to track trucks and trailers, materials, and other items. You can add, edit, and delete these on the fly with the 225's QWERTY keyboard. The ID storage menu allows you to set up weight alarm outputs, alarm thresholds, ID counts, and ID prompts for each weighment.



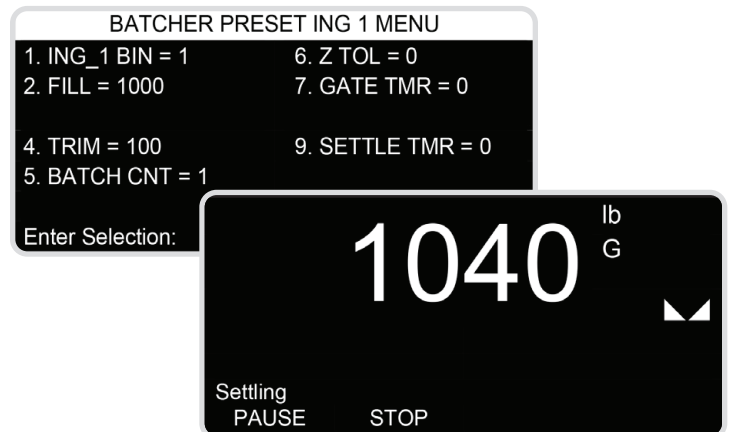
DIGITAL FILL CONTROL

Single-ingredient filling made easy with single or two-speed operation, static or dynamic trim, auto or manual dump, auto print, decumulative, and multi-drop options. Utilizing relays in an external enclosure, the 225 can provide complete control over fill gate, dump gate, and chatter gate sequencing.



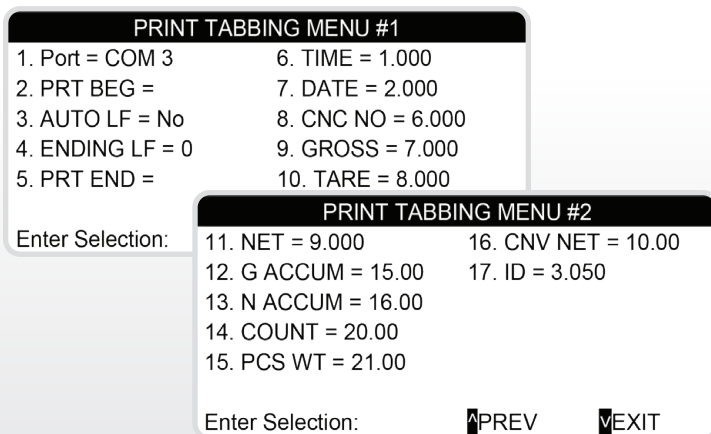
CHECKWEIGHING ZONES

The 225 features your choice of 3 or 5 zone weight comparators for the ultimate control over your checkweighing process (Under, Accept, Over... or Under, Low OK, Accept, High OK, and Over). Optional connected relays allow you to extend control over your checkweighing operation.



BATCHING FLEXIBILITY

Batch up to 8 ingredients/bins (single speed) or up to 3 ingredients/bins (dual speed) with static or dynamic trim (up to 24 available with two optional DIO cards). The 225 provides accurate control over speed, gate sequencing, auto trim, bin count, auto print, and auto or manual dump. Set-up prompts guide operators through functions.



PRINT TAB SET-UP

The 225 comes with RS232, USB, and other printer connectivity for ticket printing. You can set up tickets directly within the 225 using X-Y coordinate locations for items such as Time, Date, Gross, Tare, Net, Gross and Net Accumulators, Count, Piece Weight, and ID.

Menu-Driven Set-up and Configuration



QTouch Navigation Pad

Standard Function Keys

Full Alphanumeric Keypad

Soft (Programmable) Keys

**Expansive
Connectivity
Options**

**Next Generation,
Versatile Hardware**



- 640 x 320 pixel resolution (5.5 in W x 2.75 in H / 6.2 in diagonal) graphics LCD with LED backlight, visible in full sunlight
- LCD default is white characters/black background and may be converted to black characters/white background
- Familiar menu layout, similar to legacy 225
- ID storage with additional temporary IDs
- 8 preset weight comparators
- Axle weigher mode using a full-length or axle scale with auto or manual weighments
- Package weigher provides up to 3 ID prompts for tracking packages, materials, and other items
- Digital Fill Control (Single ingredient, 1 or 2 Speed with Static or Dynamic Trim)
- Batcher (Up to 8 ingredients/bins, 1 Speed, or up to 3 ingredients/bins, 2 Speed with Static or Dynamic Trim)
- Count feature with accumulator
- Time and Date with selectable 12 or 24-hour operation
- StableSENSE® adjustable digital filtering
- Multi-point calibration and high-resolution mode
- Selectable key disable
- Gross, Tare, and Net conversion
- Multi-interval (dual range) feature for single or multiple scales
- Push button and keypad tare function
- Remote input of Gross, Net, Tare, Print, Zero, Start / Stop, and Dump Commands



QUICK RELEASE DESKTOP CHASSIS

Simply release two thumb screws on the back of the 225 desktop model and the chassis quickly opens for easy internal access.



LOADED WITH CONNECTIVITY

- USB interface: USB A host port, USB B micro-device port, and micro-SD storage
- Wi-Fi, Bluetooth v4.2 BR/EDR/BLE, and Ethernet TCP/IP capabilities
- Built-in 10/100 base-T Ethernet interface
- Enhanced serial connectivity with RS232 and RS485
- Up to 8 digital inputs and outputs (add option cards for expansion)
- Single card slot and 2 option card slots



TILT CONTROLS

The stainless steel 225D-S and 225A-S models have adjustable control knobs on the sides of the mounting bracket to tilt the display where it's easiest to view.



QT TOUCH NAVIGATION PAD

The intuitive QTouch circular touch pad provides easy navigation through menu prompts in your application.







8 SOFT KEYS

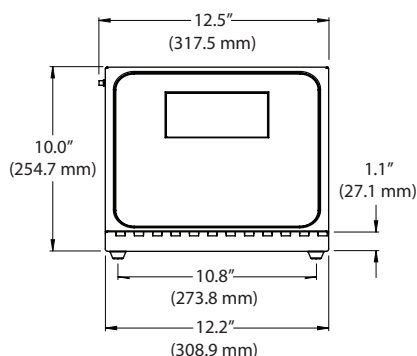
Multiple user-defined and preset functions are available simultaneously through 8 convenient soft keys on the 225 indicator.

Power Requirements	100 to 240 VAC (50/60 Hz) at 1.0A
Enclosure Type	NEMA 4X/IP66 rated stainless steel with mounting bracket models or desktop indoor models
Enclosure Size	12 in W x 10.5 in H x 3.125 in D / 304 mm W x 267 mm H x 79 mm D
Net Weight	10.5 lb / 4.7 kg
Shipping Weight	12.5 lb / 5.7 kg
Operating Environment	Temperature: 14 to 104°F (-10 to +40°C) Humidity: 90% non-condensing (maximum)
Display	640 x 320 pixel resolution (5.5 in W x 2.75 in H) Graphics TFT LCD w/ LED backlight
Transducer Excitation	11.5 VDC
Signal Input Range	1.0 mV min. to 40 mV max. (with dead load boost)
Analog Scale Inputs	225A: 1 ea. Analog Standard
Number of Load Cells	Analog: 14 each, 350-ohm load cells Digital: Up to 20 Cardinal Digital Load Cells with POWER-DLC
Analog Load Cell Cable Length	1,500 feet maximum (requires the use of sense lines). (Consult the factory for other requirements) 30 feet maximum without sense lines
Division Value	Commercial: 1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 and 0.0001 Non-commercial: 0 to 99
Sensitivity NON-COMMERCIAL: NTEP: CANADA: OIML:	0.15 uV/e 0.3 uV/e (Class III/IIIL) 0.3 uV/e (Class III/IIHD) 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/IIHD) 100 to 10,000 (Class III), 1,000 (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 to 1 through 9 divisions
Weighing Units	Tons, Pounds, Tonnes (Metric Tons), Kilograms, and Grams
Keypad	Membrane type with QWERTY keyboard, 60 color-coded keys, and QTouch navigation pad
Standard I/O	(1) Bi-directional RS-232 or bidirectional RS485 (1) Bi-directional RS-232 or bidirectional 20mA port (1) 10/100 Base-T Ethernet (1) USB A host port (1) USB B micro device port (8) Remote isolated inputs (8) Remote isolated outputs (2) Color bars 802.11b/g/n Wi-Fi Bluetooth v4.2 BR/EDR/BLE

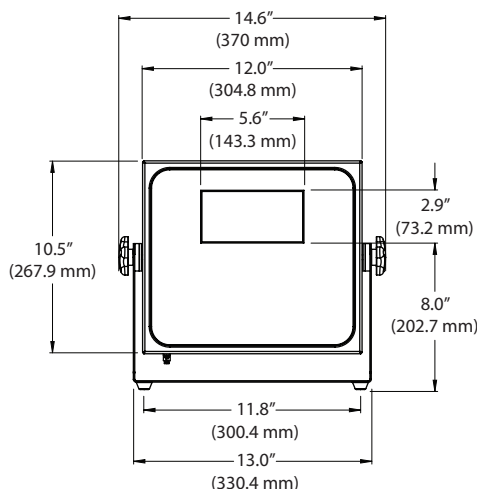


Model	Description	Scale Type
225A-D	225 indicator, indoor desktop mount	Analog
225A-S	225 indicator, stainless steel	Analog
225D-D	225 indicator, indoor desktop mount	Digital
225D-S	225 indicator, stainless steel	Digital

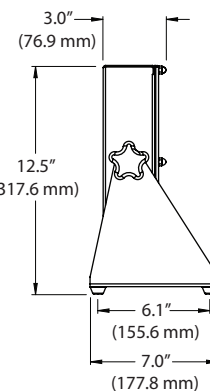
Model	Description
 195-225-SIB	High-speed scale input card
 195-225-3SIB	High-speed 3 scale input card
 195-225-DIO	Digital input / output card
 195-225-DLC	Digital load cell interface card



225 Desktop



225 Stainless Steel



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