FAIRBANKS®
SCALES

FB2255 SERIES
KEYPAD INSTRUMENTS FOR INDUSTRIAL SCALES

Versatile family of industrial instruments featuring a full numeric keypad. For use in any weighing application, from warehousing to general food processing or batching.

Fairbanks.com

The FB2255 NEMA 4X stainless steel enclosure meets general food and other industrial washdown requirements.

Fairbanks' FB2255 Series Digital Instrument is a reliable choice for any industrial weighing application, from warehousing to general food processing. For batching and filling operations, system integration is easy — simply add a fieldbus accessory, such as PROFIBUS-DP, Ethernet / IP or DeviceNet.

Fairbanks' FB2255 IP69K Instrument has the highest ingress protection rating available for food processing, chemical or any application with heavy washdown needs.

Enclosure Types

- **304 Stainless Steel IP69K**
- **304 Stainless Steel NEMA 4X**
- **304 Stainless Steel Panel Mount NEMA 4X**
- **ABS Plastic NEMA 1** (Heat, impact and chemical resistant)

External DB9 output on ABS model

Instrument Accessories

BATTERY POWER *Five (5) "D" cell battery pack available for 304 Stainless NEMA 4X and ABS models.*

4-20 mA MODULE *The 4-20 mA Module provides an analog input for PLCs, data loggers or other controllers.*
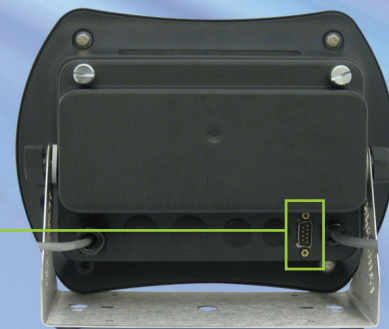
FIELDBUS INTERFACES *Fairbanks offers popular fieldbus interfaces, such as DeviceNet, PROFIBUS-DP, Ethernet/IP, or Ethernet / TCP to connect the FB2255 Instrument to PLCs/PCs.*

SS Battery Power Pack

ABS Battery Power Pack

Function Key Features

1 **ON/OFF** — One touch to power instrument up or down.

2 **ZERO** — Quickly zero off weight on the scale.

3 **PRINT** — Custom or standard print formats. This key also used to set time, date, and peak hold operations

4 **FULL NUMERIC KEYPAD** — For quick entry of Tare weights and numeric IDs.

FAIRBANKS®
S C A L E S

Bright green, backlit and selectable

1.0" tall LCD

Polyblend overlay

Made in the USA

PEAK HOLD AND COUNTING FEATURES ARE NOT LEGAL FOR TRADE

⎓=CENTER OF ZERO

2255

NET lb g kg oz └ TOTAL WEIGHT ACCUMULATION

PRINT

7 8 9
4 5 6
1 2 3
. 0 ENTER

→0← ZERO

ON / OFF

◁/ID   MENU   ▷

→T← TARE   ↻ UNITS   B/G NET

MENU access

Scroll right

FAIRBANKS   FB2255

Stainless steel swivel bracket (included with all models)

1 2
3
4
5
6
7
8

5 TARE — Used to enter container weight.

6 ID ENTRY / SCROLL LEFT — Dual purpose key for left scrolling and numeric ID.

7 UNITS — Five selectable units (lb, kg, oz, g, lb-oz) and one programmable custom unit. Units key also used with piece count and accumulation features.

8 B/G / NET — One-push selection from Gross weight to Net weight. Also used during accumulation, piece count and sleep timer operations.

FB2255 CUSTOMIZATION

FB2255 Series Instruments can be customized to meet specific operational needs.

CUSTOM TICKET FORMAT
A distinct ticket format can be configured to allow the FB2255 to print information that meets your requirements.

CUSTOM UNITS
Many applications are unique and require a unique unit of measure. The FB2255 can accommodate these needs with this feature.

PROGRAMMABLE RS232 OUTPUT
The FB2255 RS232 Output can be configured to provide serial data in a customer specified format.

MULTI-POINT CALIBRATION
The FB2255's Multi-point Calibration function helps eliminate various linearity problems associated with platforms and tank applications.

ADVANCED FUNCTIONS

ADD   5

Easy-to-use piece counting function.

PIECE COUNTING
The FB2255 has a standard piece counting feature that turns any scale into a basic counting scale. This feature minimizes the time it takes to count parts. See sample display above.

ACCUMULATION
This feature allows users to continuously store individual weight reading and count/total the readings whenever desired. It also minimizes or eliminates the time-consuming task of manually tracking weight.

STRESS TESTING
Certain manufacturers are required to *stress test* products. The FB2255 is designed to easily accomplish this task. The unit captures the highest (or peak) weight reading and stores it. The printable reading remains stored until it is manually cleared or a higher peak weight is captured by the instrument.

Also known as Peak Hold, this feature provides stress test analysis required for ISO documentation.

SPECIFICATIONS

Display . . . . 1.0" tall, 6-digit, green backlit LCD

Enclosure . . . . Black ABS plastic, NEMA 1 rated;
Stainless steel, NEMA 4X rated;
Stainless steel, IP69K rated;
Stainless steel, Panel mount, NEMA 4X rated

Pushbutton Keys . . . . 0-9, Decimal, Enter, ID/Left arrow,
Right arrow, Menu, Zero, Print, Units,
Tare, On/Off, B/G Net

Units . . . . lb, kg, oz, g, lb-oz or custom

Capacity . . . . Selectable 0 to 999,999

Graduation Size . . . . 0.0001 to 50

Load Cells . . . . Up to eight 350Ω cells or 16 1000Ω cells

Power Requirements . . . . Choice of AC or AC/DC
(requires 5 "D" cell batteries)

Battery life (backlight enabled). . . . . One 350Ω load cell - 46 hrs,
Four 350Ω load cell - 26 hrs

Mounting. . . . . Desk / Wall mount stand (all models)

Output. . . . . COM 1 (standard): RS232, RS422, RS485;
COM 2 (standard): RS232, RS422, RS485,
20 mA; External DB9 on ABS model

Remote switch inputs . . . . Print, Tare, Gross/Net, Units, Zero

Accessories . . . . DeviceNet, 4-20 mA module,
PROFIBUS-DP, Ethernet/IP,
Ethernet/TCP, ControlNet

Approvals . . . . NTEP CC# 09-023, MC #AM-5720, ETL
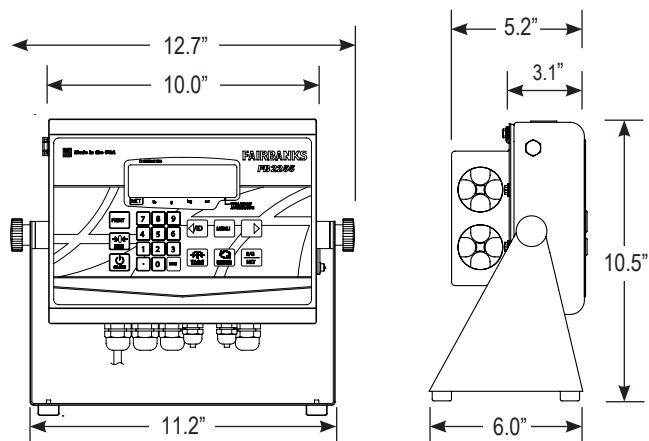
ABS PLASTIC ENCLOSURE

(Stainless steel bracket included — Battery power optional)
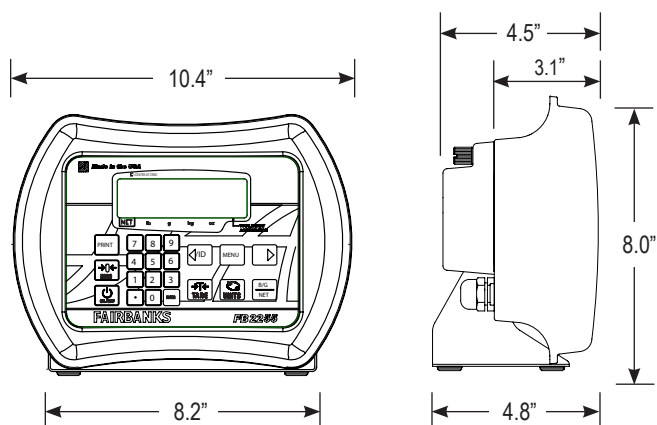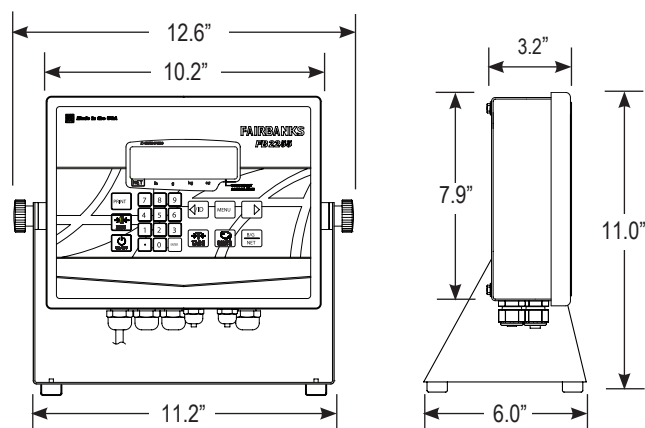

NEMA 4X STAINLESS STEEL ENCLOSURE

(Stainless steel bracket included — Battery power optional)

IP69K STAINLESS STEEL ENCLOSURE

(Stainless steel bracket included)

PANEL MOUNT STAINLESS STEEL ENCLOSURE

Front panel dimensions: height 11", width 13.2", depth 3.2"

Your Fairbanks Scales Authorized Representative is:

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S C A L E S