FAIRBANKS®
S C A L E S

5200A SERIES
BATCHING INSTRUMENT

A workhorse instrument that proves its durability in hostile wet or dry environments and is an ideal for manual batching and autobatching applications.

Fairbanks.com

Fairbanks' 5200A Instruments are powerful, versatile and front panel programmable. Rugged, stainless steel construction ensures durability in hostile environments, including wet or dry filling operations. Plus, the 5200A Instrument can also be used in commercial weighing applications.

EASY PROGRAMMING

The 5200A is ideal for manual batching, checkweighing, autobatching or autobatching with repeat capabilities. A programmable zero band and software setpoint instrument provides increased control for filling applications. Users can select simple front panel setpoint programming or download setpoints and tare weights to a computer.

USE AS A FILLING CONTROL INSTRUMENT

The versatile setpoint controls allow for filling in up-weighing or down-weighing applications. As a filling control instrument, the 5200A features four setpoints which can be used as individual controls or as two paired setpoints with fast-fill or dribble capabilities.

Fairbanks 5200A Instruments are designed for simple, front panel programming. The bright LED display provides high visibility, and the color-coded, touch sensitive control panel makes it easy to operate.

EASY TO READ

Fairbanks' 5200A features high visibility with a large, 0.8-inch, high-intensity, bright red LED display. Readability is ensured, even in dimly lit industrial environments. The clear, color-coded touch sensitive control panel includes digital tare; tare recall; push-button zero; auto tare; gross/net switching; lb/kg conversion; six-digit product identification; and print, start, stop and trim buttons.

RUGGED ENCLOSURE

The durable, stainless steel, NEMA 4X rated enclosure ensures that 5200A Instruments provide accurate, dependable results, even when operated in the harshest washdown conditions.

VERSATILE INSTRUMENTATION

This instrument is designed with operator convenience in mind. Suitable for wall, desk, pillar or rack mounting, users can place the 5200A where it best serves their application needs.

DATA CAPTURED AND TRANSFERRED

Bidirectional and RS232C output with programmable baud rate and data capabilities, or a 20mA serial current loop output, are both standard features that allow data to be captured and tansferred to remote locations or printers. A second output option of RS232C, RS485 or "SMART" 4-20mA analog output can be added for increased interfacing capabilities.

FRONT PANEL PROGRAMMING OPTIONS FOR FAIRBANKS' 5200A SERIES INSTRUMENT:

▲ : Scrolls values up.

▼ : Scrolls values down.

I/O: Accesses output port(s) programming.

Enter: Enters program, calibration and tare data.

Gross/Net: Toggles between gross and net mode.

Units: Toggles between lb, kg or no units description.

Auto Tare: Stores current gross weight as tare value.

Zero: Re-zeroes gross weight, and when used in conjunction with auto tare, allows for batching.

Print: Sends data to printer per the output specification.

Annunciators: When lit, indicates one or more of the following: lb, kg, net weight, tare weight, ID (6-digit).

Setpoints Enabled: Indicates the setpoint outputs are enabled.

Setpoints SP1, SP2, SP3, SP4: Indicates the associated setpoint outputs are on or can be used as over/accept/under lights.

Start: Initiates setpoint cycle to the pre-selected setpoint weight.

Trim: Overrides setpoint control to add additional weight in touch controlled increments.

Stop: Overrides setpoint control cycle.

ID: Up to a 6-digit numeric product identifier for printer/computer printout.

Tare Recall: Basic tare retrieval for the individual weight only.

Function: Press function key and then the appropriate key on the numeric keypad to display current value. Security code may be required to change displayed value using keypad, i.e. "function-time," "function-date,"

"function-setpoint," "function-program" or "function-test."

Program: Front panel access/display of programming functions.

Time: Accesses/displays time for printer and computer output.

Setpoint: Accesses/displays the pre-programmed setpoint(s).

Clear: Clears current data entry.

Test: Accesses/displays the test diagnostics.

Date: Accesses/displays date.

4-20mA: Accesses "Smart" 4-20mA current loop calibration mode.

SPECIFICATIONS

Capacity . . . . To 999,950

Division size . . . . Front panel programmable – 0.0001 to 50

Display resolution . . . . 10,000 div. commercial
20,000 div. non-commercial

Display update rate . . . . Selectable to 0.1, 0.3, 0.5, 0.8 or 1.0 seconds

Display size . . . . 0.8" high, 6-digit, high visibility red LED display

Enclosure . . . . 304 stainless steel, NEMA 4X rated

Filtering . . . . 5 levels of filtering available

Controls . . . . Pushbutton switches for:
Tare
Auto tare
Tare recall
Zero
Gross/net
Units (lb/kg)
6-character ID
Print
Function key, start, stop and trim
Full numeric keypad

Units . . . . lb, kg or no units

Pushbutton zero range . . . . Programmable ± 2% or 100% of capacity

Auto zero tracking . . . . Off or 0.5 divisions, 1.0 divisions, or 3.0 divisions

Setpoints . . . . Setpoints may be programmed as up to four
individual setpoints, each with preact, or two
paired setpoints, each with preact and dribble

Serial I/O . . . . RS232C or 20mA

Load cells . . . . Up to four 350-ohm cells or twelve 1,000-ohm cells

Excitation . . . . 10 volts DC

Power . . . . 100-130 VAC, 50/60 Hz, 5W grounded, 3-wire AC;
200-250 VAC, 50/60 Hz, 5W optional

Humidity . . . . 0 to 100%

Options . . . . Choose one of the following options for
2nd serial port: RS232C, 20mA or RS485 output

Remote switches . . . . 3 programmable remote switch inputs

Accessories . . . . RS485 serial output
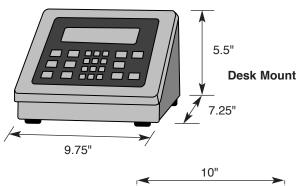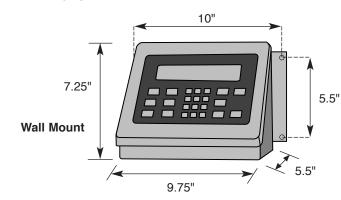"SMART" 4-20 mA analog output
NEMA 12 rated enclosed relay with cable
NEMA 4X rated enclosed relay with cable

Approvals . . . . NTEP CC# 90-128, MC# AM-4761, UL

DIMENSIONS

5.5"

Desk Mount

7.25"

9.75"

10"

7.25"

Wall Mount

5.5"

5.5"

9.75"

Your Fairbanks Scales Authorized Representative is:

ISO 9001
REGISTERED
Certificate #30862

*St. Johnsbury manufacturing
facility registered in
compliance with ISO 9001.*

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S C A L E S