

# Operator Card

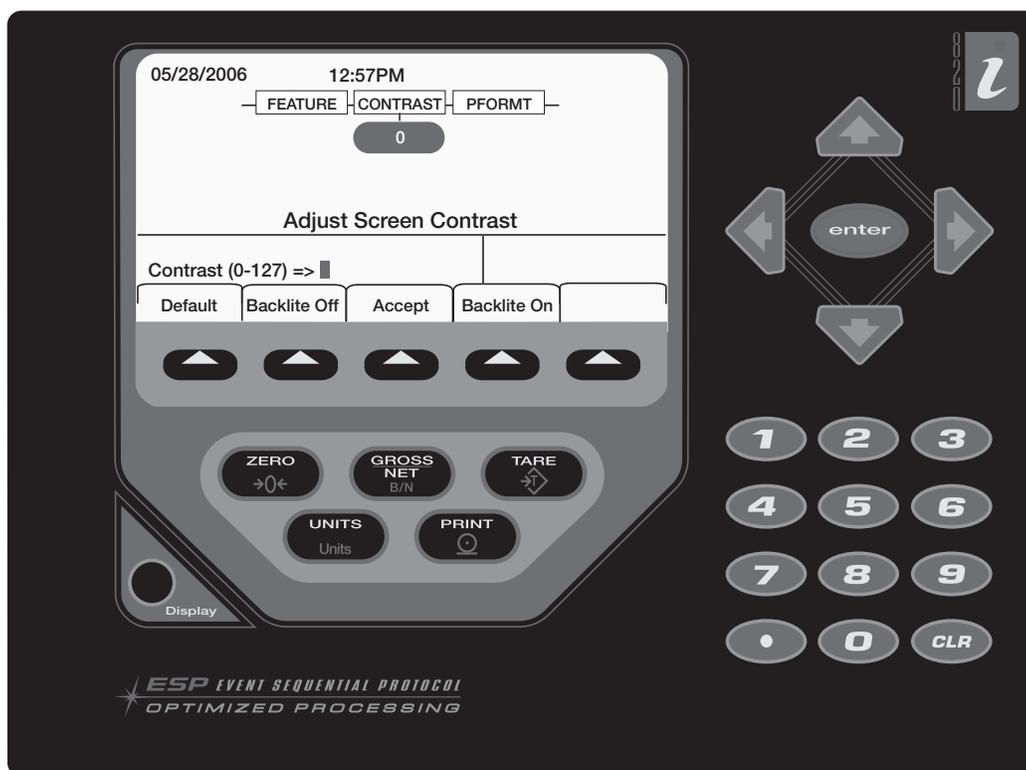


**Do not open the indicator enclosure!**  
**Refer all repairs and modifications to your distributor or service technician.**

## Front Panel Display and Keypad

The indicator front panel, shown below, consists of a 28-button keypad with a large backlit LCD display. The keys are grouped as five configurable softkeys, five primary scale function keys, four navigation keys, and numeric entry keys.

Weight information is displayed with a graphical scale in two font sizes. Status areas on the display are used for operator prompts and entering data. LCD display contrast and backlighting can be adjusted using the **Display** button on the front panel.



## Indicator Operations

Basic 820i operations are summarized below:

### Toggle Gross/Net Mode

Press the **GROSS/NET** key to switch the display mode from gross to net, or from net to gross. If a tare value has been entered or acquired, the net value is the gross weight minus the tare. If no tare has been entered or acquired, the display remains in gross mode.

Gross mode is indicated by the word *Gross* (or *Brutto* in OIML mode); net mode is indicated by the word *Net*.

To display audit trail information, press and hold the **Gross/Net** mode key for three seconds. Weighing functions continue while audit trail information is displayed. Press the **Gross/Net** or **CLR** key to exit the audit trail display.

### Toggle Units

Press the **UNITS** key to switch between primary, secondary, and tertiary units.

## Zero Scale

1. In gross mode, remove all weight from the scale and wait for the standstill annunciator (  ).
2. Press the **ZERO** key. The center of zero (  ) annunciator lights to indicate the scale is zeroed.

## Acquire Tare

1. Place container on scale and wait for the standstill annunciator (  ).
2. Press the **TARE** key to acquire the tare weight of the container.
3. Display shifts to net weight and shows the word *Net* on the display.

## Remove Stored Tare Value

1. Remove all weight from the scale and wait for the standstill annunciator (  ).
2. Press the **TARE** key (or, in OIML mode, the **ZERO** key). Display shifts to gross weight and shows the word *Gross*.

## Print Ticket

1. Wait for the standstill annunciator (  ).
2. Press the **PRINT** key to send data to the serial port. To print tickets using auxiliary formats, press the number key for the format, then press **PRINT**. For example, to print using AUXFMT2, press **2**, then **PRINT**.

## Accumulator Functions

The accumulator must be enabled before use in either normal mode or setpoint operations. Once enabled, weight (net weight if a tare is in the system) is accumulated whenever a print operation is performed using the **PRINT** key, digital input, or serial command. The scale must return to zero (net zero if a tare is in the system) before the next accumulation.

The **Display Accum** softkey can be configured to display the current accumulator value. Printing while the accumulator is displayed, or when the setpoint PSHACCUM function is active, uses the ACCFMT print format.

Press the **CLEAR** key twice to clear the accumulator.

## Softkey Operations

Softkeys can be defined to provide operator additional functions for specific applications. Softkey assignments are listed on the tabs shown at the bottom of the LCD display; softkey functions are activated by pressing the arrow keys below the softkey tabs.

The particular set of softkeys shown on the display is determined by the indicator configuration and program.

Softkey	Description
Time/Date	Displays current time and date; allows time and date change.
Display Tare	Displays tare value for the current scale
Display Accum	Displays accumulator value, if enabled, for the current scale.
Display ROC	Displays rate-of-change value, if enabled, for the current scale.
Setpoint	Displays a menu of configured setpoints; allows display and change of some setpoint parameters.
Batch Start	Starts a configured batch.
Batch Stop	Stops a running batch and turns off all associated digital outputs.
Batch Pause	Pauses a running batch. (Same as stop, but digital outputs, if on, are not turned off.)
Batch Reset	Stops a batch and resets it to the first batch step.
Weigh In	Allows truck ID entry; generates weigh-in ticket for truck weighing applications.
Weigh Out	Allows truck ID entry; generates weigh-out ticket for truck weighing applications.
Truck Regs	Displays truck register; allows deletion of individual or all entries. Truck register can be printed by pressing the <b>PRINT</b> key while the truck register is displayed.
Unit ID	Allows display or change of Unit ID.
Select Scale	For multi-scale applications, provides a prompt to enter the scale number to be displayed.
Diagnostics	Provides access to diagnostic displays for attached <i>iQUBE</i> junction boxes.
Alibi	Allows previous print transactions to be recalled and reprinted.
F1–F10	User-programmable keys; defined by application.
More...	For applications with more than five defined softkeys, the More... key is automatically assigned to the fifth softkey position. Press <b>More...</b> to toggle between groups of softkeys.

Table 1. Configurable Softkeys