

# 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 720i universal model front panel, shown in Figure 1, consists of a 22-button keypad with an LCD display. The keys are grouped as four configurable softkeys, four scale function/navigation keys, **MENU** and **PRINT/Enter** keys, and numeric entry keys. The panel mount front panel is shown in Figure 2.

LCD display contrast can be adjusted selecting the **Contrast Adj** function from the system menu.

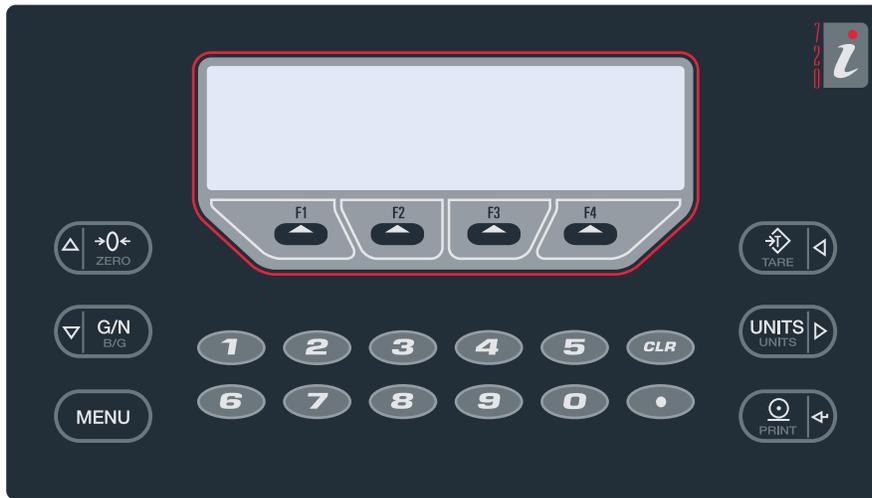


Figure 1. 720i Universal Front Panel



Figure 2. 720i Panel Mount Front Panel

# Indicator Operations

Basic 720i operations are summarized below:

## Display Menu

Press the **MENU** key to show the system menu, then use the **Up** or **Down** navigation keys to select an item from the list. The menu provides access to:

- Audit Trail
- Configuration
- Test Operations
- Contrast Adjustment

**NOTE:** Configuration should be performed by qualified service personnel only.

## 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 letter *G* (gross) or, in OIML mode, *B* (brutto); net mode is indicated by the letter *N*.

## 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 (→0←) 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 letter *N* on the display.

## Enter Tare Value

For the universal model, use the numeric keypad to key in the tare value, then press the **Tare** softkey or press and hold the front panel **TARE** key to enter the tare.

For the panel mount model, do the following:

1. Press and hold the **GROSS/NET** key for about three seconds. When released, a zero appears.
2. Use the **Up** and **Down** navigation keys to adjust the value (0-9) and the **Right** and **Left** navigation keys to select the digit.
3. Press the **Tare** softkey or press and hold the front panel **TARE** key for about three seconds, then release to enter the tare.

## 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.

## Select Auxiliary Print Format

Any of the auxiliary print formats (1–20) can be selected for printed output while in weighing mode.

**NOTE:** Not available in Advance Truck Mode.

For the universal model, use the numeric keypad to key in the print format value, then press the **Print** softkey or the front panel **PRINT** key to print using the selected auxiliary format.

For the panel mount model, do the following:

1. Press and hold the **GROSS/NET** key for about three seconds. When released, a zero appears.
2. Use the **Up** and **Down** navigation keys to adjust the value (0-9) and the **Right** and **Left** navigation keys to select the digit.
3. Press the **Print** softkey or the front panel **PRINT** key to print using the selected auxiliary format.

## Accumulator Functions

The accumulator must be enabled before use. 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 uses the **ACCFMT** print format.

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

# Softkey Operations

Softkeys provide additional operator 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 (see Figures 1 and 2 on page 1).

The particular set of softkeys shown on the display can be set using *Revolution*.

Softkey	Description	More Information can be found in the 720i Installation Manual (PN 103121) within the following sections
Time/Date	Displays current time and date; allows time and date change.	See "DATE" and "TIME" on page 37 in Table 3-7.
Display Tare	Displays tare value for the current scale	See "TAREFN" on page 23 in Table 3-2.
Display Accum	Displays accumulator value, if enabled, for the current scale.	See "Accumulator Functions" on page 3.
Display ROC	Displays rate-of-change value, if enabled, for the current scale.	See "ROC" on page 22 in Table 3-3.
***Weigh In	Allows truck ID entry; generates weigh-in ticket for truck weighing applications.	See "Weigh-In Procedure" on page 59.
***Weigh Out	Allows truck ID entry; generates weigh-out ticket for truck weighing applications.	See "Weigh-Out Procedure" on page 56.
***Truck Regs	Displays truck register; allows deletion of individual or all entries. Truck register can be printed by pressing the PRINT key while the truck register is displayed.	See "Using the Truck Regs Display" on page 55.
Alibi	Allows previous print transactions to be recalled and reprinted.	See "Alibi Tracking" on page 110.
F1–F10	User-programmable keys; defined by PCEE.	See "Using ProAction PCEE" on page 81.
**Setpoint	Displays a menu of configured setpoints; allows display and change of some setpoint parameters.	See "Setpoints" on page 65.
**Batch Start	Starts a configured batch.	See "Batch and Continuous Setpoints" on page 62.
**Batch Stop	Stops a running batch and turns off all associated digital outputs. Requires a batch start to resume processing.	See "Batch and Continuous Setpoints" on page 62.
**Batch Pause	Pauses a running batch. (Same as stop, but digital outputs, if on, are not turned off.)	See "Batch and Continuous Setpoints" on page 62.
**Batch Reset	Stops a batch and resets it to the first batch step.	See "Batch and Continuous Setpoints" on page 62.
*Weigh	Start the Weigh-In and Weigh-Out Procedure.	See "Weigh-In Procedure" on page 59 and "Weigh-Out Procedure" on page 56.
*Reports	Select which report to print. There are four sub menus under the Reports softkey: Summary, Daily, Detail, and Code List.	See "Advance Mode Menus" on page 60.
*Management	Add and remove materials, customers, and source IDs and names.	See "Advance Mode Menus" on page 60.
More...	For applications with more than three defined softkeys, the More... key is automatically assigned to the fourth softkey position. Press <b>More...</b> to toggle between groups of softkeys.	
* Advance Truck Mode only ** 720i Batching Version software only *** Truck Modes 1-6 only		See "Truck Modes" on page 58. See "VERSION" on page 20 in Table 3-1. See "Truck Modes" on page 58.

Table 1. Configurable Softkeys



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