

CSW-20 New Feature

MODE FUNCTIONS

Ian Fellows
LIMITED

An important new feature is introduced on the CSW-20. From software versions

PO6.027 (Units with baseboard Rev C)

PO6.127 (Units with baseboard Rev D/E or later)

It is now possible to allocate a preferred function to the **MODE** button.

These functions make entry of commonly required functions quick and simple for operators to apply without resorting to the use of set up menus.

Many applications will be greatly improved by providing one of these quick access functions.

QUICK ACCESS FUNCTIONS

MODE can be configured to perform one of these functions:

- 0 - No function (default)
- 1 - Preset Tare
- 2 - Memory Tare
- 3 - Product Code (PLU)
- 4 - Target Weight
- 5 - High/Low, Target/Tolerance, Target/Dribble, Setpoint3/Setpoint2
- 6 - Cancel Tare
- 7 - Print & Clear Total
- 8 - Toggle net/gross display
- 9 - Toggle net/tare/gross display



A short press on the button activates the function.

In all cases a long press provides access to the SET UP MENUS as normal.

If the MODE button is 'disabled' using the **bUTTON** menu, only menu access is inhibited.

A short press on MODE will still action the programmed function.

CONFIGURATION

The function preferred for any particular application is set using a new parameter, **FUNC**, located in the configuration menu or serial command **FU**.

CONFIG			
Configuration menu	cmd	level	description
PEARP			
FUNC	FU	1	Configure MODE button quick access function (0-9) - Default = 0
dFLT			

Access level 1 is required to change this parameter. The range of settings (0-9) applies the functions as listed above.



OPERATION

Operation will depend on the installer's choice of function.

FUNCTION FU = 0 - NO FUNCTION

MODE is used only to access menus (if not disabled)

FUNCTION FU = 1 - PRESET TARE

Simple Preset Tare entry - Press **MODE** Display prompts **TARE**

EITHER Press **SET ZERO** to **CANCEL PRESET TARE**

OR Press **ANY OTHER** button to display the **PRESET TARE** value

Edit the displayed value using the arrow buttons

Press **ENTER PRINT** or **MODE** to set the tare and return to weight display

Tip - Remember a Semi Auto Tare cannot be applied after a Preset Tare has been set

FUNCTION FU = 2 - MEMORY TARE CODE

Quick select of memory tare code - Press **MODE** Display prompts **TARE 00**

Edit the displayed code 00-12 using the arrow buttons

Press **ENTER PRINT** or **MODE** to set the tare and return to weight display

The tare value is displayed while ENTER or MODE are held pressed

To clear tare, select Tare Code 00

Tip - Holding side arrow while editing clears to 00 -Edit memory tares from the **USER** menu

FUNCTION FU = 3 - PRODUCT CODE (PLU)

Quick select of product codes - Press **MODE** Display prompts **TARE 00**

Edit the displayed code 00-12 using the arrow buttons

Press **ENTER PRINT** or **MODE** to set the code and return to weight display

Tip - Product codes recall and set stored descriptions and setpoints

FUNCTION FU = 4 - TARGET WEIGHT

Quick entry of Target Weight - Press **MODE** Display prompts **TAR 9**

Press **ANY BUTTON** and display shows current target (Setpoint 3) weight value

Edit the displayed value using the arrow buttons

Press **ENTER PRINT** or **MODE** to set the value and return to weight display

Tip - Can be used to set 'setpoint 3' in any setpoint mode but always prompts 'tArg'

F U n C FU = 5- HIGH/LOW or TARGET/TOL

Quick entry of two setpoints - Prompts depend on the setpoint mode (*S E T d*) configured in the *I n - o U t* menu.

In each case Press **MODE** then press **ANY BUTTON** and edit using the arrow buttons

Press **ENTER PRINT** or **MODE** to set the value then repeat for the second item prompted

S E T d 00/02 prompts **H I G H** Then **L o W**

S E T d 01 prompts **T A R G** Then **d r I b**

S E T d 04/05/06 prompts **T A R G** Then **T o L**

S E T d 07 prompts **S P T 3** Then **S P T 2**

F U n C FU = 6 - CANCEL TARE

Cancel Semi-Auto Tare function

If a Semi-Auto Tare is active (display in NET mode) - Press **MODE** to clear the tare.

If a preset/memory tare is active, then the display will show Gross weight for approx 5 seconds then return to Net weight without altering any tare.

Tip - the standard method to cancel semi auto tare (press and hold the SEMI AUTO TARE button) also remains available.

F U n C FU = 7- PRINT & CLEAR TOTAL

Total Print and Clear function - Press **MODE** Display prompts **S U R E P**

If **ENTER PRINT** is pressed - the system performs total print for the current Product Code and resets the total.

If **ANY OTHER** button is pressed, or no button pressed within 5 seconds, then the system returns to weight display without printing or clearing the total.

F U n C FU = 8 - DISPLAY TOGGLE NET/GROSS

MODE toggles display between NET and GROSS display

- Status LEDs identify if display is net or gross
- Tare is retained while gross displayed, system continues to monitor net for printing and outputs
- Any functions performed while displaying gross will return system to net display

F U n C FU = 9 - DISPLAY TOGGLE NET/TARE/GROSS

MODE toggles display between NET - TARE - GROSS displays

- Status LEDs identify if display is net or gross (tare = all LEDs off)
- Tare is the internally stored semi auto tare value (rounded)
- Tare is retained while gross displayed, system continues to monitor net for printing and outputs
- Any functions performed will return system to net display

Tip - this setting must be used for peak weight mode, in this case it toggles NET/TARE/GROSS/MAX/MIN (Just GROSS/MAX/MIN if no tare active)

OTHER SPECIAL USES OF MODE BUTTON

PARTS COUNTING - If the system is placed in 'COUNT' mode then the MODE button operates always for count functions as described in the manual, regardless of which **F U n C** FU is set.

PEAK - For PEAK weight detection (**C o n F I G P E A P** [MA] = 1) then **F U n C** [FU] must be set to 9)