

4.3 SOFTSWITCH FUNCTIONS

When the setup mode is accessed, the first series of softswitches (SSW) will be displayed as [10 0]. The "10" indicates the first series of switches (11 through 16). Pressing the "TARE" key will change the "0" (indicating an OFF condition), to a "1" (indicating an ON condition). When the "1" is displayed, press the "PRINT" key to accept the displayed setting and advance to the first softswitch selection. If the "10 Series" of softswitches is to be by-passed, leave the display showing [10 0], then just press the "PRINT" key to advance to the "20 Series" of softswitches. Pressing the "PRINT" key without making changes will advance to the next selection, and pressing the "ZERO" key will backup to the previous selection.

There are five sections or series of softswitches in the setup mode as follows:

10 = SCALE SETUP AND CALIBRATION

20 = LEGAL FOR TRADE

30 = TARE, ZERO, AND DISPLAY PARAMETERS

40 = PRINTER OUTPUT SETUP SOFTSWITCHES

50 = LOAD CELL DIAGNOSTICS

Following is a list of the softswitch options and description of each softswitch:

MODEL 8505 SOFTSWITCH DESCRIPTIONS

SOFTSWITCH NUMBER	DESCRIPTION
10	SCALE SETUP SOFTSWITCHES 0 = Bypass Section 10 1 = Access Section 10
11	FILTER SELECTION Four selections are available (0, 1, 2, or 3). By enabling the filter, the scale is less susceptible to the effects of vibration. The scale response time is slowest when the highest filtering parameter (3) is selected. The response time is fastest when filtering is disabled (0). Press the TARE key to toggle through the selections, then press PRINT to accept the displayed setting. 0 = Filter Off 1 = Low Filter 2 = Medium Filter 3 = High Filter

SOFTSWITCH NUMBER	DESCRIPTION
12	SHIFT ADJUST (See Section 4.5 for detailed description) 0 = Skip shift adjust. 1 = Select total number of cells and enter shift adjust (see Section 4.5) 2 = Select total number of cells and enter shift adjust (see Section 4.6). If this selection is made the message "SurE" will be displayed. Press PRINT key to permanently set the shift constants to 1 or press the ZERO key to back-up to the [12 X] prompt.
13	ENTER SCALE CALIBRATION (See Section 4.7 for a detailed description) 0 = Skip scale calibration. 1 = Enter scale calibration.
14	SELECT UNITS lb = Pounds kg = Kilograms
15	CAPACITY SELECTION Press the TARE key to toggle through the capacity menu. Press the PRINT key to accept the selection. The selections are: <u>lb or kg</u> 500 X 0.1 1000 X 0.2 1500 X 0.5 2000 X 1 2500 X 0.5 3000 X 1 4000 X 1 5000 X 1 6000 X 2 8000 X 2 10,000 X 2 15,000 X 5 20,000 X 5 25,000 X 5 30,000 X 10 40,000 X 10 50,000 X 10 60,000 X 20 80,000 X 20 NOTE: If capacity value is changed, but calibration (step 16) skipped or aborted, then the original capacity value is assumed.
16	SET SCALE ZERO 1 = Enter into the sequence for setting zero. 0 = Skip step 16 and proceed to step 17. Procedure: [E SCL] - Empty the scale platform and press PRINT. [15-0] - The scale counts down from 15 to 0 while zero is set.