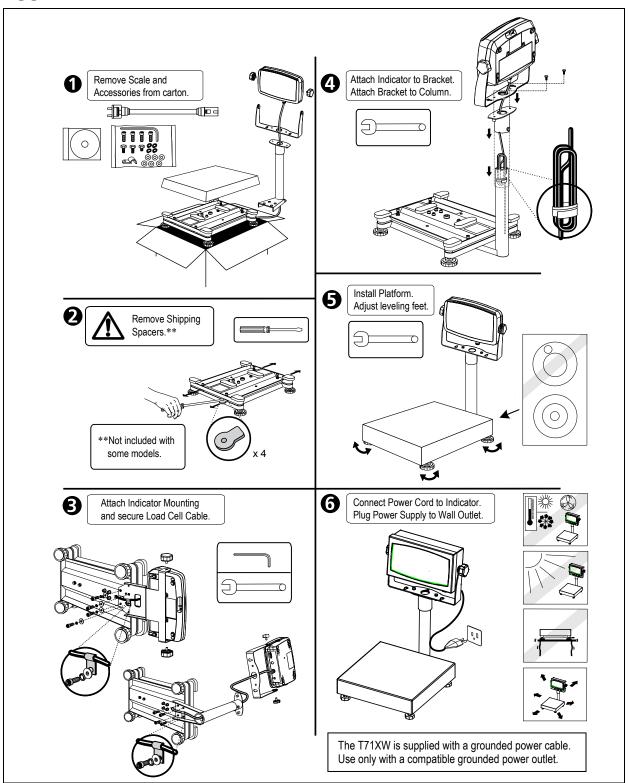


Defender™ 7000

ASSEMBLY



Defender™ 7000



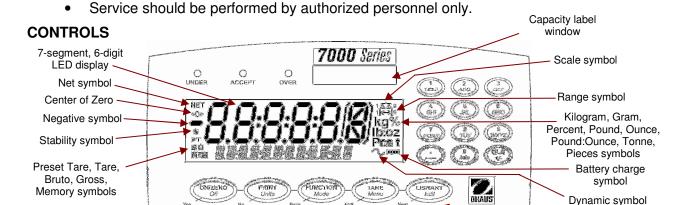
Quick Start Guide

SAFETY PRECAUTIONS



For safe and dependable operation of this product, please comply with the following safety precautions:

- Verify that the input voltage printed on the power Adapter and the plug type matches the local power supply.
- Make sure that the power cord does not pose an obstacle or tripping hazard.
- Disconnect the product from the power supply when cleaning.
- Do not operate this product in hazardous or unstable environments.
- Do not drop loads on the pan.
- Use only approved accessories and peripherals, as available.
- Operate the product only under ambient conditions specified in the Instruction Manual.



Button	ON/ZERO Off Yes	PRINT Units	FUNCTION Mode	TARE Menu Exit	LIBRARY
Primary Function (Short Press)	ON/ZERO Turns the Indicator on If on, sets zero.	PRINT Sends current value to COM port if AUTOPRINT is Off.	FUNCTION Initiates a mode. Displays reference data.	TARE Performs tare operation.	LIBRARY Display library data.
Secondary Function (Long Press)	Off Turns the Indicator off.	Units Changes the weighing unit.	Mode Change mode. Press and hold: scroll through modes.	Menu Enter the User menu.	Edit Edit current library record.
Menu Function (Short Press)	Yes Accepts the current menu or setting.	No Advances to next item. Rejects current setting; advances to the next. Increments the value.	Back Moves back to previous item. Decrements the value.	Exit Exits the User menu. Aborts a calibration in progress.	
Library Function (Short Press)	Yes Accepts current setting.	No Advances to next. Increments displayed value.	Back Moves back to previous. Decrements value.	Exit Exits the library.	

Control Buttons



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FUNCTIONS OF THE DISPLAY KEYPAD

Button	1	2 3 DEF ABC DEF ABC DEF ABC DEF ABC DEF AMNO TOWN TUV WXYZ ABC ABC ABC ABC ABC ABC ABC AB	·	O Info	CLR +/-
Primary Function (Short Press)	1 Enter 1 on the display.	2ABC through 9WXYZ Enter alphanumeric values on the display using the multi-tap text entry method.	Enter decimal point, space or dash on display.	0 Enter 0 on the display.	CLR Clear last character from the display
Secondary Function (Long Press)	1s2 Change display between Scales 1 & 2.			Info Show accumulation statistics on display.	+/- Change polarity of displayed value.

OPERATION

On: Press **ON**. Indicator runs a display test, shows a series of informational displays, and enters active weighing mode.

Off: Press and hold Off until OFF appears.

Press **ZERO** to zero the weight display. Scale must be stable. Scale zeros automatically at Power On.

Manual Tare: If weighing an item in a container, place empty container on the scale. Before taring, container's weight is shown (example 0.5 kg).

Press **TARE**. Display shows zero.

(If container is removed, display shows container's weight as negative.)

To clear the Tare value, empty the scale and press **TARE**. The display shows gross weight (zero if scale is empty).

Weighing: Place the item to be weighed on the scale.

(Sample shown: 1.5 kg, Gross weight.)

Verify the indicator: place a known mass on the scale and check if the reading is accurate. If not, calibrate, using the Calibration Guide.

ADDITIONAL OPERATIONS

Changing Units of Measure: Press and hold *Units* until desired unit appears. Only measuring units enabled in the Unit Menu are displayed.

Application Modes: Press and hold the *Mode* button until the desired application mode appears. **WEIGH** is default mode.

To have other modes accessible through the *Mode* button, first turn them On in the MODE menu. (See back page.)

When modes are On, choose by toggling through available options by pressing *Mode*.

For details on various application modes, see Instruction Manual.













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Weigh Off, On

Count Off, On Percent Off, On

Dynamic Off, Manual

Checkweigh Off, On





Quick Start Guide

MENU NAVIGATION

Press and hold the *Menu* button until MENU appears on the display.

Use Yes, No, Back, and Exit to navigate in Menu Mode:

- Yes Allows entry / Accepts displayed setting and advances to next menu item.
- No Skips displayed menu / Rejects setting or item, advances to next available item.
- Back Moves backwards through menus.
- Exit Exits directly to active weighing mode.

MENU STRUCTURE (For more details, see Instruction Manual.)

CALIBRATION	SETUP	READOUT	MODE	UNIT	GMP	PRINT-1
Zero1	Reset	Reset	Reset	Reset	Reset	Reset
Zero2	Dual Scale	Language	Weigh	Kilogram	Date	Stable Print
Span1	Range1	Stable Range	Count	Pound	Time	Auto Print
Span2	Range2	Filter	Percent	Gram	User ID	Content
3pt Linear1	Capacity1	Auto Zero	Dynamic	Ounce	Project ID	Layout
3pt Linear2	Capacity2	Backlight	Check Weigh	Pound Ounce	Scale ID	End Print-1
5pt Linear1	Graduation1	Auto Off	End Mode	Tonne	End GMP	
5pt Linear2	Graduation2	Gross Indicator		Custom		
CAL Test1	Power on Unit	End Readout		End Unit		
CAL Test2	Zero Range					
GEO	Auto Tare					
	Accumulation					
	Retain Zero					
	Legal For Trade					
	Beeper Volume					
	Beeper Signal					
	Key Beep					
	Library					
	Alibi					
	End Setup					
PRINT-2	COM1	COM2	I-O	LOCK MENU	LOCK KEY	END
Reset	Reset	Reset	Reset	Reset	Reset	
Stable Print	Baud	Baud	Ext. Input	Lock Cal	Lock All	
Auto Print	Parity	Parity	Input Beep	Lock Setup	Lock Off	
Content	Stop	Stop	Relay Output	Lock Readout	Lock Zero	
Layout	Handshake	Address	Stable	Lock Mode	Lock Print	
End Print-2	Alt. Command	Handshake	End I-O	Lock Unit	Lock Unit	
	End COM1	Alt. Command		Lock Print1	Lock Function	
		End COM2		Lock Print2	Lock Mode	
				Lock COM1	Lock Tare	
				Lock COM2	Lock Menu	
				Lock GMP	Lock Library	
				Lock I-O	Lock Info	
				End Lock Menu	End Lock Key	

