Quick Start Guide *Defender™ 3000*

SAFETY PRECAUTIONS

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

- Before connecting power, verify that the equipment's input voltage range and plug type are compatible with the local AC mains power supply.
- Do not position the equipment such that it is difficult to reach the power connection.
- Only connect the power cord to a compatible grounded electrical outlet.
- Only use a power cord with a rating that exceeds the specifications on the equipment label. (Only for i-DT33P)
- Make sure that the power cord does not pose a potential obstacle or tripping hazard.
- Operate the equipment only under ambient conditions specified in these instructions.
- The equipment is for indoor use only.
- Do not operate the equipment in hazardous or unstable environments.
- Do not allow liquids to enter the equipment.
- Use only approved accessories and peripherals.
- Disconnect the equipment from the power supply when cleaning.
- Service should only be performed by authorized personnel.

WARNING: Never work in an environment subject to explosion hazards! The housing of the instrument is not gas tight. (Explosion hazard due to spark formation, corrosion caused by the ingress of gases).

WARNING: Electrical shock hazards exist within the housing. The housing should only be opened by authorized and qualified personnel. Remove all power connections to the unit before opening.
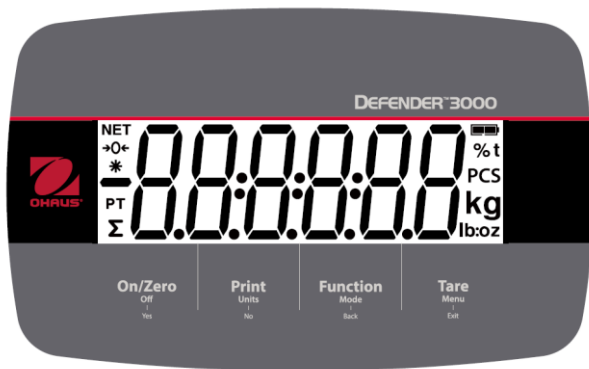
MENU NAVIGATION

Press and hold *Menu* until ꭩ.Ɛ. Π.ꭒ appears.
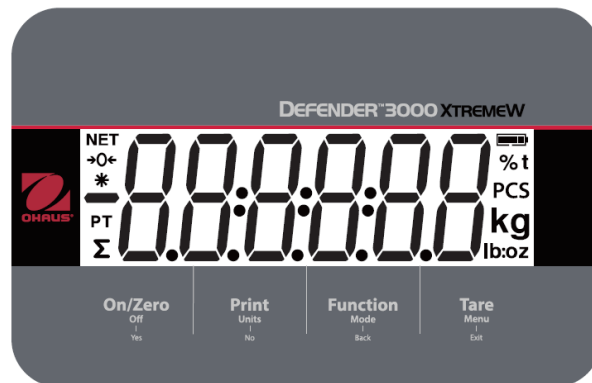Use **Yes**, **No**, **Back**, and **Exit** to navigate:

- **Yes** allows entry into the displayed menu.
  Accepts the displayed setting and advances to the next menu item.
- **No** skips by the displayed menu.
  Rejects the displayed setting or menu item and advances to the next available item.
- **Back** moves backwards through the upper and middle level menus.
  Backs out of a list of selectable items to the previous middle level menu.
- **Exit** exits from menu directly to the active weighing mode.

MENU SETUP

C.A.L	S.E.t.U.P	r.E.A.d	ꭩ.O.d.E	U.n. it	A.S.2.3.2	P.r. i.Π.t	U.S.b	E.t.H.Π.E.t	P.r. i.Π.t2	L.o.c.t	E.n.d
ZErO	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	
SPAΠ	C.UΠ it	StAbLE	WE iGH	kg	bAUd	ASS iGΠ	bAUd	IP.Addr	ASS iGΠ	L.ALL	
L iΠE	rAΠGE	ZErO	COUΠt	g	PAr itY	StAbLE	PAr itY	u.E.r.	StAbLE	L.OFF	
GEO	CAP i	F iLtEr	CHECk	lb	StOP	ꭩOdE	StOP	EΠd	ꭩOdE	L.2ErO	
C.tESt	GrAd i	A2t	tOtAL	oz	H.SHAkE	t iꭩE	H.SHAkE		t iꭩE	L.Pr iΠt	
End	CAP2	b.L iGHt	tAbLE	lb:oz	ALt.P	L iΠt to	ALt.P		L iΠt to	L.UΠ it	
	GrAd2	b.COLOr	End	t	ALt.t	C.SUꭩ	ALt.t		C.SUꭩ	L.ꭩOdE	
	P.2ErO	SCrEEΠ		End	ALt.2	tEꭩP	ALt.2		tEꭩP	L.ꭩEΠU	
	P.UΠ it	A.OFF			End	End	EΠd		EΠd	L.tArE	
	A.tArE	P.SAuEr								End	
	End	CEC									
		End									

Defender™ 3000

Quick Start Guide

i-DT33P Control Panel

i-DT33XW Control Panel

Button	On/Zero Off Yes	Print Units No	Function Mode Back	Tare Menu Exit
Primary Function (Short Press)	**On/Zero** If the terminal is off, press to power on; If the terminal is on, press to set the zero point.	**Print** Sends the current value to the RS232 port if the **Print Setup → Assignment → Demand** menu is enabled.	**Function** Initiates an application mode.	**Tare** Performs a tare operation.
Secondary Function (Long Press)	**Off** If the terminal is on, press to power off.	**Units** Changes the weighing unit.	**Mode** Changes the application mode.	**Menu** Enters the user menu. Shows a tare value in application modes.
Menu Function (Short Press)	**Yes** Accepts the current setting on the display or selects a sub-menu or menu item.	**No** Advances to the next menu or menu item. Rejects the current setting on the display and advances to the next available one.	**Back** Moves back to the previous menu item.	**Exit** Exits the user menu. Aborts a calibration in progress. Exits when displaying totalization result or under and over value in check mode.

Notes:
- Short Press: press less than 1 second.
- Long Press: press and hold for more than 3 seconds.

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OPERATION

To turn the indicator on, press and hold **ON** for two seconds. The Indicator performs a display test, shortly displays the software version, and then enters the active weighing mode.

To turn the indicator off, press and hold **Off** until **OFF** appears.

On/Zero
Off
|
Yes

Zero is set under the following conditions:
• Automatically zero at Power On (initial zero).
• Manually: press **Zero**. (Scale must be stable and within the zero range.)

NET
* **0.000** kg

Manual Tare: When weighing an item that must be held in a container, taring stores the container weight in memory. Place the empty container on the scale (example 0.5 kg) and press the **Tare** button.
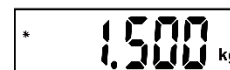The display will show the net weight.
To clear the Tare value, empty the scale and press **Tare**.
The display shows gross weight (zero if scale is empty).

NET
* **0.500** kg

Weighing: Place the item to be weighed on the scale.
(Sample shown: 1.5 kg, Gross weight.)
Note: To return to the Weighing mode from other modes, press and hold **Mode** until **WE IGH** appears.

* **1.500** kg

WE IGH kg

Verify the indicator: place a known mass on the scale and check if the reading is accurate. If not, calibrate. Please refer to the indicator's manual for calibration method.

Print
Units
|
No

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

ADDITIONAL OPERATIONS

Parts Counting: Use this mode to count parts of uniform weight.
The indicator determines the quantity based on the average weight of a single part. All parts must be uniform in weight for accurate measurements.

To enter this mode, press and hold **Mode** until **Count** appears.
Note: Count must first be enabled in the **Mode** menu.

Count

Average Piece Weight (APW): When **Mode** is released, **CLr.PW** appears. Press **Yes** to clear the stored APW. Press **No** to recall the existing APW.
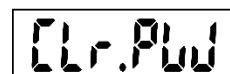**APW** appears.
Place 10 pieces on the scale, or press **No** to increment the sample size. Choices are 5, 10, 20, 50, 100 and 200.
Place the parts on the scale and read the count.
(If using a container, be sure to tare the empty container first.)
Press **Mode** while counting can display the APW value.

CLr.PW

PUt 10

Check: Use this application to compare the weight of items to a target weight range. The display color will change according to the comparing result: Red indicates over the target; Green indicates within the target; Yellow indicates under the target.

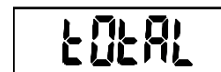To enter this mode, press and hold **Mode** until **CHECt** appears.
Note: Check must first be enabled in the **Mode** menu.

CHECt

When the **Mode** button is released, the display shows `ELr.EHk`.
Press **No** to recall the existing check limits. Press **Yes** to clear the stored check limits. Press **Function** while checking can display the check limits.
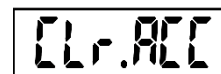
`ELr.EHk`

Totalization: Use this application to accumulate manually or automatically the overall weights. Statistical data is stored in memory for review and printing.

To enter this mode, press and hold **Mode** until `kOkRL` appears.
Note: Totalization must first be enabled in the Mode menu.

`kOkRL`

When the **Mode** button is released, the display shows `ELr.REE`.
Press **No** to continue the totalization of the last time. Press **Yes** to clear the stored totalization result. Press **Function** when Totalization is finished with no weight on the pan can display the totalization result.

`ELr.REE`

Manual totalization: Place the item on the pan and press the **Function** button to add the weight to totalization.
Auto totalization: Place the item on the pan. The displayed value is totalized automatically.
The flash of the Σ icon indicates the scale has totalized the weight successfully. It will keep flashing until the weight is removed and the platform is stable.

For more detailed information about the indicator, please refer to the product instruction manual. You can scan the QR code or go to the product page to download it.
Product page: www.ohaus.com/i-DT33P

EN

Veuillez consulter le manuel d'utilisation de l'indicateur pour plus d'informations. Vous pouvez scanner le code QR ou vous rendre sur la page web du produit pour le télécharger.
Page du produit: www.ohaus.com/i-DT33P

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Para obtener información más detallada sobre el indicador, consulte el manual de instrucciones del producto. Puede escanear el código QR o ir a la página del producto para descargarlo.
Página del product: www.ohaus.com/i-DT33P

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Per informazioni dettagliate riguardo l'indicatore fare riferimento al manuale di istruzioni. É possibile scansionare il codice QR o andare alla pagina del prodotto per scaricarlo.
Pagina del prodotto: www.ohaus.com/i-DT33P

IT

Für detaillierte Anzeige- Informationen verweisen wir auf die Bedienungsanleitung. Sie können den QR Code scannen und die Anleitung herunterladen
Produktseite: www.ohaus.com/i-DT33P

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