Quick Start Guide   *Defender*™ *2500*

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.
- 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.

INTENDED USE

This instrument is intended for use in pharmacies, schools, businesses and light industry. It must only be used for measuring the parameters described in these operating instructions. Any other type of use and operation beyond the limits of technical specifications, without written consent from OHAUS, is considered as not intended. This instrument complies with current industry standards and the recognized safety regulations; however, it can constitute a hazard in use. If the instrument is not used according to these operating instructions, the intended protection provided by the instrument may be impaired.
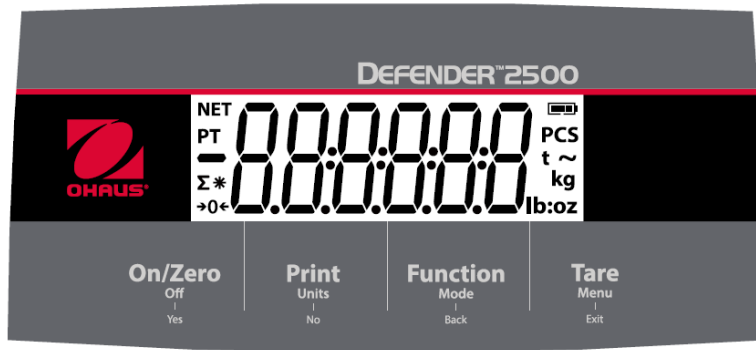
MENU NAVIGATION

Press and hold *Menu* until **M.E.N.U** 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	M.O.d.E	U.N. I.t	r.S.2.3.2	P.r. i.n.t	U.S.b	P.r. i.n.t.U	L.o.c.k	E.n.d
ZErO	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	rESEt	
SPAN	C.Un it	StAbLE	WE IGH	g	bAud	ASS IGN	tYPE	ASS IGN	L.ALL	
L In	CAP	ZErO	COUNt	kg	PAr itY	dEMAN	H Id	dEMAN	L.OFF	
GEO	GrAd	F ILtEr	PkHd	Lb	StOP	On.StAb	CdC	On.StAb	L.ZErO	
C.tESt	P.ZErO	AZt	tOtAL	oZ	H.SHAkE	On.ACEP	ALt.P	On.ACEP	L.Pr int	
ENd	P.UN it	b.L IGHt	tAbLE	Lb:oZ	ALt.P	INtEr	ALt.t	INtEr	L.Un it	
	A.tArE	SCrEEN	dYNAM	t	ALt.t	Mt.Con	ALt.Z	Mt.Con	L.MOdE	
	ENd	A.OFF	d.tYPE	ENd	ALt.Z	OH.Con	ENd	OH.Con	L.MENU	
		P.SAUEr	d.StArt		ENd	S ICS		S ICS	L.tArE	
		ENd	d.t IME			StAbLE		StAbLE	ENd	
			A.t IME			CONtNt		CONtNt		
			ENd			LAYOUt		LAYOUt		
						ENd		ENd		

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i-DT25P Control Panel

Button	On/Zero Off | Yes	Print Units | No	Function Mode | Back	Tare Menu | Exit
Primary Function (Short Press)	**On/Zero** If the indicator is off, short press to turn on the indicator. If the indicator is on, short press to set the display value to zero.	**Print** If an interface is enabled, the current display value can be transmitted to the interface port.	**Function** This key initiates the specific function in different application modes.	**Tare** Performs a tare operation.
Secondary Function (Long Press)	**Off** If the indicator is on, long press to turn off the indicator.	**Units** Changes the weighing unit.	**Mode** Changes the application mode.	**Menu** Enter the user menu.
Menu Function (Short Press)	**Yes** Selects the current setting on the display or goes into a sub-menu.	**No** Moves to the next menu or menu item. Rejects the current setting on the display and moves to the next available one.	**Back** Moves back to the previous menu item.	**Exit** Exits the user menu. Aborts a calibration in progress.

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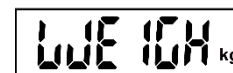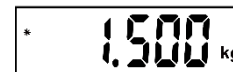To clear the Tare value, empty the scale and press **Tare**.
The display shows gross weight (zero if scale is empty).

NET * **0.500** kg
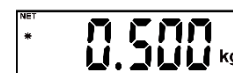
Weighing: Place the item to be weighed on the scale.
(Sample shown: 1.5 kg, Gross weight.)
Note: To return to the Weighing mode from other modes, press and hold **Mode** until **WE IGH** appears.

* **1.500** kg

WE IGH kg

Verify the indicator: place a known mass ofn 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.
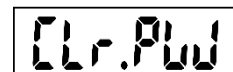**APW** appears.
Place 10 pieces on the scale, or press **No** to increment the sample size. Choices are 5, 10, 20, 50, 100 and 200.
Place the parts on the scale and read the count.
(If using a container, be sure to tare the empty container first.)
Press **Mode** while counting can display the APW value.

CLr.PW

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 **tOtAL** appears.
Note: Totalization must first be enabled in the Mode menu.

When the **Mode** button is released, the display shows **CLr.ACC**.
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
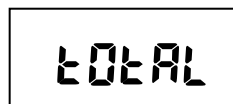
tOtAL

the pan can display the totalization result.
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.

Dynamic Weighing: Use this application to weigh an unstable load, such as a moving animal. To enter this mode, press and hold **Mode** until d**ynAm** appears.
The display shows r**EAdy**. Put the load on platform.
Note: Dynamic must first be enabled in the **Mode** menu.
Manual Dynamic Weighing: press the **Function** button to start the averaging process.
Automatic Dynamic Weighing: the averaging process starts automatically when the load weight is larger than the start weight.

dynAm

Peak Hold: Use this application to collect and store the highest force value during the measurement.
To enter this mode, press and hold the Mode button until P**tHd** appears on the display. Short press function to start, and then put the object on the platform. The digit will keep flashing during the Peak Hold.
Note: Peak Hold must first be enabled in the **Mode** menu.

PtHd

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.

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.

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.

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.

Für detaillierte Anzeige- Informationen verweisen wir auf die Bedienungsanleitung. Sie können den QR Code scannen und die Anleitung herunterladen

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