

CELY

User's manual



SH SERIES

Ref.:49-MCESH00EN03

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1. INTRODUCTION

The SH series of scales provides an accurate, fast and versatile series of general purpose light capacity handy crane scales.

All the keypads are mechanical switches and the displays are easy to read liquid crystal type displays (LCD). Function include zero, tare, change weighing unit, hold.

The rang of automatic zero is 20%, the rang of manual re-zeroing is 2%.

2. KEY DESCRIPTIONS

□ ON/OFF

Press this key, the scale will turn it on, press the key again, the scale will turn it off.

□ ZERO/TARE

Set the zero point for all subsequent weighing. The display shows zero.

Tares the scale. Stores the current weight in memory as a tare value, subtracts the tare value from the weight and shows the results.

When current weight less than 2% of capacity, do zero operate, when current weight more then 2% of capacity, do tare operate.

When scale off, you can hold this key to enter setting mode (check internal counts and calibrate)

□ HOLD/UNIT

Press the key to enter/escape hold mode, when in hold mode, hold indicator on.

The scale has two units, kg and lb, you can hold this key 3 second to select weighing unit, relevant indicator on.

3. BASIC OPERATION

3.1 ZEROING THE DISPLAY

You can press the **ZERO/TARE** key at any time to set the zero point from which all other weighing and counting is measured, within 2% of power up zero.

This will usually only be necessary when the hook is empty. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic rezeroing function to account for minor drifting or accumulation of material on the hook. However you may need to press the **ZERO/TARE** key to rezero the scale if small amounts of weight are shown when the hook is empty.

NOTE: when current weight more then 2% of capacity, scale will do tare operate.

3.2 TARING

Zero the scale by pressing the **ZERO/TARE** key if necessary. The zero indicator will be on.

Place a container on the hook; a value for its weight will be displayed.

Press the **ZERO/TARE** key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The "TARE" indicator will be on. As product is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring will be displayed.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all product that was removed. The zero indicator will also be on because the hook is back to the same condition it was when the **ZERO/TARE** key was last pressed. You can press **ZERO/TARE** key again to escape TARE

mode.

NOTE: When current weight less than 2% of capacity, scale will do zero operate, this means tare weight can't less then 2% of capacity.

3.3 HOLD FUNCTION

If crane scale is not stable or reading not stable, it will be difficult to read data, you can use HOLD function to lock reading data.

Press **HOLD/UNIT** key, HOLD indicator on, current reading data will be locked, after you read, press **HOLD** key again, HOLD indicator off, scale escape lock status, enter normal weighing mode.

4. CHECK INTERNAL COUNTS

Turn off the scale, press the **ZERO/TARE** key and hold it for three seconds, the display will show the AD counts.





5. CALIBRATION

Before calibrate, empty the hook, turn off the scale, press the **ZERO/TARE** key and hold it for three second, display will show internal counts, press **ZERO/TARE** key again, display will show "ZERO", after some seconds, display will show calibrate weight value, put the calibrate weight on hook, press the **ZERO/TARE** key again, calibrate finished.

6. BATTERY OPERATION

The scale use dry battery cell (3xsizeAA battery, the battery location at the rear side of the scale), move the battery cover to right side for open the battery house, move the battery cover to left side for close the battery house.

If you don't use the dry battery, please take off it from the box. If the dry battery is becoming to a wastrel, please put it into a special place.

	DECLARATION OF CONFORMITY DECLARATION DE CONFORMITE KONFORMITÄTSEKLRÄRUNG DICHIARAZIONE DI CONFORMITA DECLARACION DE CONFORMIDAD			
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Manufacturer: Fabricant: Hersteller: abricante: Fabricante:	DIBAL, S.A. Astintze 20-24. Pol. Industrial Neinver 48160 – Derio SPAIN	 General Manager: Javier Déniz Gento Date/Data/Datum/Fecha: 06/abril/2010
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Type: Typ: Tipo:	PS50 PS52 PS60 PS70I PB60 PC50	VC-40 VC-50 VC-60S VC-80I SW-100	BWI CR DR SH BH TW
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GB	The manufacturer declares that the device above described complies with the requirements of the 2004/108/EEC and 2006/95/CE directives and the following armonised norms:	
	- EN55022 Clase B - EN61000-4-2 - EN61000-4-3 - EN61000-4-4	- EN61000-4-5 - EN61000-4-6 - EN61000-4-11 - EN60950
F	Le fabricant déclare que l'appareil décrit est conforme aux dispositions de la Directive 2004/108/CEE et 2006/95/CE et aux suivantes normes harmonisées:	
	- EN55022 Clase B - EN61000-4-2 - EN61000-4-3 - EN61000-4-4	- EN61000-4-5 - EN61000-4-6 - EN61000-4-11 - EN60950
D	Der bezeichneter Hersteller erklärt, dass der detaillierte Paragraph mit den Anordnungen der Richtlinien 2004/108/CEE und 2006/95/CE zustimmt, sowie mit den folgenden harmonisierten Normen:	
	- EN55022 Clase B - EN61000-4-2 - EN61000-4-3 - EN61000-4-4	- EN61000-4-5 - EN61000-4-6 - EN61000-4-11 - EN60950
I	Il fabbricante indicato, dichiara che il apparecchio descritto é conforme alle disposizioni delle Direttive 2004/108/CEE e 2006/95/CE e nel suo caso alle seguenti norme armonizzate:	
	- EN55022 Clase B - EN61000-4-2 - EN61000-4-3 - EN61000-4-4	- EN61000-4-5 - EN61000-4-6 - EN61000-4-11 - EN60950
E	El fabricante indicado, declara que el aparato que se describe es Conforme a las disposiciones de la Directiva 2004/108/CEE y 2006/95/CE y en su caso a las siguientes normas armonizadas:	
	- EN55022 Clase B - EN61000-4-2 - EN61000-4-3 - EN61000-4-4	- EN61000-4-5 - EN61000-4-6 - EN61000-4-11 - EN60950