VETEK

Technical Manual

ELECTRONIC CRANE SCALE : CALIBRATION

MODELS: OCS-M & OCS-L

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DISPLAY ILLUSTRATION

You can use remote controller to operate parameter setting and cabibration.

DISPLAY	ILLUSTRATION	REMARKS
[CALSP]	Enter zero point calibration	
[SCALE]	Enter weight calibration	
[SEtUP]	Enter parameter setting	
[UAdJ]	Enter voltage calibration	
[LoAd1]	First calibration point	LoAd1<LoAd2<LoAd3
[LoAd2]	Second calibration point	
[LoAd3]	Third calibration point	
[‾‾‾‾‾]	Exceeds high limit	Tare weight can't exceed full capacity
[_____]	Exceeds low limit	Tare weight can't be negative
[-----]	Waiting	
[Err10]	Weight less than Min. Capacity	Can't accumulate the value
[Err11]	Accumumated times overflow	Can't accumulate after 30times
[Err12]	Accumulated weight overflow	Can't accumulate after 99999)
[Err13]	Error in repeat accumulation	Can't accumulate one weight repeatedly
[no***]	Current accumulation times	
[H****]	Front four digit of accumulated weight	Total weight=front four digit + rare four digit
[L****]	Rare four digit of accumulated weight	Total weight=front four digit + rare four digit
[CLr]	Ask if you really want to delete accumulated weight	In case of accidental deletion
[noCLr]	Cancel deletion	
[88888]	Confirm deletion	
[SHIFt]Switch		
[‾‾‾]	Input value is too large	When you input tare or weight value
[___]	Input value is too small	When you input tare or weight value
[noACC]	No any accumulated content when you check accumulation	
[-oL-]	Overload warning	Tare + Net weight exceed full capacity + 9e
[-Lb-]	Low battery warning	Turn off automatically one minute later
[U*.**]	The voltage of current battery	
[End]	End	when parameter setting or calibration ready
[OFF]	Turn off	

KEY FUNCTION IN PARAMETER SETTING/CALIBRATION

KEY	FUNCTION
[TARE]	→ Shift (choosen digit glitter)
[→0←]	↑ Parameter setting
[MR]	← Confirm

PARAMETER SETTINGS

ITEM	OPERATION	DISPLAY	SETTING RANGE & EXPLAIN
Enter Setting		[P----]	Press[F1] [F2]together, 2 seconds
		[P0258]	Press[TARE] [→0←] together, then input parameter setting password
	[MR]	[SETUP]	Enter parameter setting
Capacity	[MR]	[FS=**]	Display 02/03/05/10/15/20/30/50/75 circularly
	[→0←]	[FS=05]	e.g. choose capacity 5000kg
Division	[TARE]	[1d=**]	Display 01/02/05/10/20 circularly
	[→0←]	[1d=02]	e.g. choose 2kg as division
Decimal position	[TARE]	[PT= *]	0=no, 1=X.X, 2=X.XX, 3=X.XXX
	[→0←]	[PT= 0]	e.g. no decimal position
Zero-setting manually & automatically	[TARE]	[Ab=**]	**: manual zero range, **: automatical zero range. 0-4, 0=0%F.S., 1=2%F.S., 2=4%F.S., 3=20%F.S., 4=100%F.S.
	[→0←]	[Ab=22]	Parameter set in factory, 4%F.S.
Zero-tracking range & display speed	[TARE]	[Cd=**]	**: zero-tracking, 0-5, 0=0d, 1=0.5d, 2=1d, 3=1.5d, 4=2d, 5=2.5d;**: display speed, 0-2, 0=slow, 1=average, 2=fast
	[→0←]	[Cd=21]	Parameter set in factory
Stable effect	[TARE]	[LL= *]	0-2, 0: minimum, 1: average, 2: maximum
	[→0←]	[LL= 1]	Parameter set in factory
Unit	[TARE]	[Un= *]	0-2, 0=kg, 1=lb, 2=other
	[→0←]	[Un= 0]	Parameter set in factory, kg
Turn off method	[TARE]	[oFF=*]	0-2, 0=turn off manually, 1=stable, after 15 minutes, scale display [-], 3= stable, after 15 minutes, scale display [-],after 60 minutes, turn off automatically.
	[→0←]	[oFF=1]	Parameter set in factory
	[MR]	[End]	Parameter setting finished

CALIBRATION

ITEM	OPERATION	DISPLAY	SETTING RANGE & EXPLAIN
Enter Setting		[P----]	Press[F1] [F2]together, 2 seconds
		[P8416]	Press [TARE] [→0←]together, then input calibration password
	[MR]	[SCALE]	Enter calibration
Calibration with no load	[MR]	[CALSP]	Make sure no load and let scale stable
	[MR]	[-----]	Calibration ok
First load	[MR]	[LoAd1]	Start first load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE] [→0←]	[1000]	Input weight, e.g. 1000kg Hanging weight, waiting stable
	[MR]	[-----]	First load calibration ok
Second load	[MR]	[LoAd2]	Start second load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE] [→0←]	[3000]	Input weight, e.g. 3000kg Hanging weight, waiting stable
	[MR]	[-----]	Second load calibration ok
Third load	[MR]	[LoAd3]	Start third load point calibration
	[MR]	[*****]	Last calibration value or default value
	[TARE]	[5000]	Input weight, e.g. 3000kg Hanging weight, waiting stable
	[MR]	[-----]	Third load calibration ok
		[End]	Calibration finished, return

ATTENTION:

1. Scale tare weight can't exceed 50%F.S., the range between load1, load2, load3 can't less than 20%F.S., if the range less than 20%F.S., calibration finished automatically and return.

2. LOAD1 < LOAD2 < LOAD3

TROUBLESHOOTING GUIDE

TROUBLE	REASON	SOLUTION
No display when turn on	Battery Damaged	Check Battery
No display when turn on	Loose battery contact	Tighten the contact
Flashing display	Low battery	Recharge the battery
Can't turn On & Off	OFF/ON button is damaged	Check and clean the button
Can't Tare	TARE button is damaged	Check the adaptor
Recahrge indicator light can't turn on	The adaptor is damage	Check the adaptor
Recahrge indicator light can't turn on	The adaptor is not plugged ready	Insert plug again
Display isn't stable	The load is unstable	Stabilize the load
Display isn't stable	Loadcell cable damaged	Check and replace loadcell
Display isn't stable	The scale has been in a damp environment for a long time	Put the scale in a dry environment
The display doesn't show " 0 " on an empty load	Have not allowed enough time for scale heating after turn on	After turning the scale on, allow 3 - 5 minutes for heating
The display doesn't show " 0 " on an empty load	The scale has been on the ground for too long	Scale should be hung
The error is large	The scale isn't hung prperly	Check the scale and sling
Battery can't recharge	Battery is damaged	Replace battery
Battery can't recharge	Outlet is damaged	Replace the outlet
Remote distance shortened	Receiver window is too dirty	Check and clean
Remote distance shortened	Controller has low battery	Replace controller battery