

IDS704

High Precision Balance Agency Manual

HCT-HB

2010-6-21

1. The function will be effective after you press and release the key.
2. when the balance is in the weighting mode, Press [mode] key for 3s to enter the parameter setting, it will show the first parameter setting "P1 UNT". Always press [mode] key to enter the next main-item. Press [Print] key to enter the current sub-item which in main item, saving and enter to next sub-item setting. [unit] key is use to modify one digit parameter, or adjust the digit for multidigit parameter. [tare] key is add up, [zero] key is reduce.
3. Detailed description as follows:

Main-item	Sub-item	function	Way of adjust
P1 UNT (UNIT Settings)	Kg XXX	To set the unit which is effective, XXX is "ON" or "OFF". LED model can only show 4 units(different model may shows different units),so only the first four units which set "on" can be effective and shown on the display. LCD model every unit which set "on" can be effective and shown on the display.	Press [unit] to set whether the unit is "ON" or "OFF", press [Print] to enter the next setting.
P2 TRA (Communication Settings)	FC X	Communication mode: 1.continuous transfer mode 2. stable transfer mode 3. response transfer mode.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	Add XX	Communication Address, effective in multi-machine communication.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	b XXXX	Communication baudrate.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	X X X	The parameter can be set to : n81 check bit/o71 data bit /e71 stop bit.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	CC XXX	Turn on/off XOR check.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set

			the detail parameter.
P3 FUN(Other function setting)	Pr XXX	Setting the parameter of sleep, could set to OFF (it is no sleep), or you can set every 6s as a step, setting 6-60 seconds for sleep time. LCD model is for the backlight.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	LtN X	X is the level of brightness. This parameter is only for LED model.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	BL XX	XX is "ON"/"OFF" of backlight, This parameter is only for LCD model.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	Hd XXd	Dynamic weighing setting, set "OFF" means this function is off. if it is set "ON", you can set 10 d as a step, 10 d to 70 d dynamic range can set by step. such as: set as 20d, when weight changes in 20d range, the software will calculate a suited average value, then lock, the same time a long beep go off. if weight over this range at this time, it will be unlocked automaticly , and with a short beep. ----d, it means weigh must return to 0, then the weight can be unlocked, but the weight change should not exceed 80d extent.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	MLE XX	XX can be set to "ON"/"OFF", it means it the balance alarm when the weight is negative when user use the upper limit and lower limit alarm function.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
P4 HL (Weigh check setting)	- H - L -	Upper limit and lower limit alarm, "H" means upper limit range, "L" means lower limit range, which place's line is blinking means the weight in	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.

		this area the alarm beeps, such as: if left line is blinking, it means the weight over the upper limit, the alarm beeps. if the place no line, it means the function is off.	
	HXXXXX	This is upper limit range parameter.	Press [units] to move the location of blinking digit, press [tare] and [zero] to change the value of the digit, when finished, press [print] to enter the next parameter
	LXXXXX	This is lower limit range parameter.	Press [units] to move the location of blinking digit, press [tare] and [zero] to change the value of the digit, when finished, press [print] to back to the weighting mode.
PIN_	<p>Input code, if you put the right code you can enter into the follow parameter setting. if not, it will return to main-item setting of units(P1 UNT), when you input over, please press [print] to confirm.</p> <p>The original code is [units] [units] [tare] [units]</p> <p>If input this code can not enter, please connect the factory.</p>		
P5 FIL { Filter range }	FI X	Filter intensity parameter , the greater the X value, the greater the intensity, the date shows more stablily, but the date shows more slowly.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	ZE X	Zero track parameter, when zero is easy to move, you can set the parameter be greater. this paremeter greater, the zero is more stability, but the small weigh value is dificult to identify.	Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	ZT X	Creep tracking parameter, when load cell's output creeps, you can set this parameter. the greater the effect better, but the small weigh value is difficult to identify.	Press [units] to rework the parameter. Press [Print] to back to the current Main-item.
P6 C-D{capacity&division}	CXXXX	XXXX is weigh capacity, when weigh is more than +9 d, it will	Press [units] to move the location of blinking digit,

		alarm over load.	press [tare] and [zero] to change the value of the digit,.when finished, press [print] to enter the next parameter.
	DXXXX	Division setting,is the minimum resolution.	Press [units] to rework the parameter. Press [Print] to back to the current Main-item.
P7 LX {multirange calibration }	<p>You can enter the multirange calibration When X is 1(ON).when X is 0,means OFF.Note: : If you don't want to enter the multirange calibration ,please set X off,if not it will effect the line performance of the scale.</p>		Press [units] to rework the parameter. Press [Print] to enter next sub-item to set the detail parameter.
	LINEX	The state of multirange calibration, X is 1,2,3, it means which step worked.	Auto to enter the next parameter.
	XXXXX	Value of weight, when you finished setting, please put the calibration weight. Remark: the second line of weight vaule is greater than the fist one, and the third line of weight vaule is larger than the second.	Press [units] to move the location of blinking digit, press [tare] and [zero] to change the value of the digit,.when finished, press [print] to enter the next parameter.
P8 CAL	EXXXX	XXXX is the value of calibraion weight.	Press [units] to move the location of blinking digit, press [tare] and [zero] to change the value of the digit,.when finished, press [print] to enter the next parameter.
	XXXXX	When it is Zero AD value, it means there are not put anything on the pan.	Press [print] to calibration, press [units] enter to setting the AD enlarged multiple
	XXXXX	AD value, please put the weight on, then wait for stable light turn on.	After the display stable, press [units] or [print] to calibration.

	ADG X	Enlarge multiple parameter, X is 1 or 2, when full-load, the scale shows AD0----, please set the enlarge multiple parameter to the smaller one.	Press [units] to rework parameter, press [print] return to zero AD.
P9 EC	E1 Rul (1s later) XXXX	Wait for 1s, please note down the value of XXXX. when the scale need calibration, and there is no weight to use, please enter the value, then the scale can be use again.	If you want to change this parameter, first, press [Unit], at this time one of the digit will blinking, then press [tare] and [zero] to change the value of the digit. press [Print] to enter the next parameter setting.
	EX XXX(1s later) XXXX	Wait for 1s, the value is multirange calibration's value. 4 value in total, if you have set multirange calibration, the 4 value is effect. when the scale need multirange calibration, and there is no weight to use, please enter the value, then the scale can be use again.	If you want to change this parameter, first, press [Unit], at this time one of the digit will blinking, then press [tare] and [zero] to change the value of the digit. press [Print] to enter the next parameter setting.

4. Easy calibration

Simple calibration, in order to use more convenience, this product have simple calibration function. In weighting mode, take the weights down, and press [mode] for 3 seconds, the display will show -CAL-, then show the weight, at this time to amend the value to calibration weight, then put the calibration weight, after 3 seconds, press [print] or [mode] to calibration.

Attentions: when calibration, if the result of easy calibration compares with internal calibration are differ 100%, the easy calibration is not pass. Such as: if put 10kg weight, the internal calibration is 10kg, the internal calibration had passed, in easy calibration, value setting is over 20kg or less then 5kg, the esy calibration will not pass.

5. Easy counting function

easy counting function, if the unit of pcs is "on", and the PCS is in the first four units, it means the easy counting function is on.

In weighing mode, press [mode] to change the units to PCS, if you have not set the single value before, the display will show "0", at the same time put the weight on, and press [mode], the display will show "N-XXX", XXX is the sampling quantity of weight, press [units] to amend location of blinking, press [tare] and [zero] to amend location of blinking, when amend is finished, please press [mode] to sampling, at the same time the scale will counting.

In counting mode, press [mode] to change % mode or weighting mode. LED model do not have % mode, so only change to weighting mode.