

PARAMETER INSTRUCTIONS 3100

SETUP MODE

ATTENTION: before entering the setup mode make sure that the battery supply is sufficient. A low battery may cause the micro-processor to block. If this happens remove the empty battery and replace it with a fully charged battery. You should be able to start the indicator in the normal way.

To enter the setup mode, turn on the indicator and keep the $\text{\textcircled{1}}$ key pressed for 20 seconds. You will go through all the normal routines (all segments on, software version, calibration nr, and weight) and end up in "P__01" with the right digit flashing.

At this stage you may proceed as follows:

- To enter parameter 01 press the \downarrow key shortly.
 - ❑ The display will show the setting for this parameter at this moment.
- You may change the setting by using the \wedge or the \vee key.
- Or**
- You can accept the setting by pressing \downarrow .
- Or**
- To move to the next parameter you press the \wedge key.
- Or**
- To move to the previous parameter you press the \vee key.
- To leave the set-up mode you do the following:
 - With P__XX in the display press the $\text{\textcircled{1}}$ key shortly.
 - ❑ The display will show "P__00"
 - Press the $\text{\textcircled{1}}$ key again shortly.
 - ❑ If a change was made to the settings the display will show "SET__" briefly and then return to the normal weighing mode. The calibration number will be increased every time a change was made in the set-up and also after a new calibration.
 - ❑ If no changes were made, the display will return directly into the normal weighing mode.

In the following pages the different parameters are explained and the standard settings are given. Parameters which are not yet used will not be accessible or displayed with underscores.

PARAMETERS

Para- meter	Function	Settings	Default US
01	Start-up unit (and print units)	1 = kg / 2 = lb	2
02	Smallest graduation step for multirange	0.1/0.2/0.5.....10/20/50	0.5
03	Largest graduation step for multirange	0.1/0.2/0.5.....10/20/50	2
04	Number of graduations for every range	0000-9900 divisions	1000
05	Weighing capacity system (full scale)	00000-99999 units	5000
06	Motion tolerance for stable	0-32 off 1 grad./sec 4 grad./sec 16 grad./sec 0.5 grad./sec 2 grad./sec 8 grad./sec 32 grad./sec	1

Parameter	Function	Settings	Default US
07	Filter size	0-12 0=off 1= light filtering, 12=heavy filtering	8
08	Auto zero range	0=off 0.5 division 1 division 3 divisions	0.5
09	Zero range positive (+)	0-100 % (approved 2%) of span	10
10	Zero range negative (-)	0-100 % (approved 2%) of span	10
11	Test Function	BASIC ADC Counts 10x Resolution	bASiC
12-13	Not used		
14	Start-up number to add in sampling mode	1-2-5-10-20-50-95	10
15	Units switch mode active	Yes / No	Yes
16	Setpoint function	0-4 0=not used 1=overload gross (only 1 setpoint used) 2=overload net (only 1 setpoint used) 3=fill (2 setpoints used) no auto tare 4=fill (2 setpoints used) with auto tare	0
17	Application	Basic (standard) or Peakhold (Phold)	bASiC
18	Gravity value working area	9.750-9.850	9.797
19	Key function	Remote – Local - Both	Local
20	Baudrate comport 1	600-1200-2400-4800-9600-19200	9600
21	Databits comport 1	7-8	8
22	Parity comport 1	none/odd/even	none
23	Stopbits comport 1	1-2	1
24	Not used		
25	Dataprotocol comport 1	0-4 0= PC bi-directional command structure 1= not used 2= Remote display continuously 3= Printer (without date/time/switched supply) 4= Not used	0
26	Number of linefeeds comport 1	0-9	0
27-29	Not used		
30	Baudrate comport 2	600-1200-2400-4800-9600-19200	9600
31	Databits comport 2	7-8	8
32	Parity comport 2	none/odd/even	none
33	Stopbits comport 2	1-2	1
34	Not used		
35	Dataprotocol comport 2	0-4 0= PC bi-directional command structure 1= Printer (without date/time/ no switched supply) 2= Remote display continuously 3= Printer (with date/time/switched supply) 4= not used	3
36	Number of linefeeds comport 2	0-9	5
37	Printout form	0-1 0=standard 1=total	0
38	Print format time/date	European format dd/mm/yy hh:mm American format mm/dd/yy hh:mm	USA
39	Not used		

Parameter	Function	Settings	Default US
40	Level switch	0 = not used 1 = N.C. 2 = N.O.	0
41	Delay trigger time level switch	0-10 sec.	3
42	Not used		
43-49	Not used		
50	Battery used	12VDC 6VDC	12v
51	Low Bat switch off time	0-99 minutes 0= not switched off	2
52	Auto shut off time if not used	0-99 minutes 0= always on	15
53	Not used		
54	Peak hold time	0-7	4
55	Threshold value	9999 kg/lb	200
53-89	Not used		
90	Reset to default parameter settings without altering calibration parameters	If parameter 01 was on 1 it will default to the EU settings, if P01=2 the US settings will be defaulted. New delivered boards will have the EU settings.	
91	Reset to default parameter settings including calibration parameters	If parameter 01 was on 1 it will default to the EU settings, if P01=2 the US settings will be defaulted. New delivered boards will have the EU settings.	
92-99	Not used		