

# UEC-4500

MODES	ITEM	DESCRIPTION
1	INITIAL TROUBLE DETECTION	(DEF 0) 0= NOT DET. 1= DETECTED
2	CYCLE ERROR DETECTION	(DEF 0) 0= NOT DET. 1= DETECTED
3	FASTENING ERROR OVERRIDE	(DEF 1) 0= PRESS RESET 1= AUTO RESET
4	TORQUE ERROR OVERRIDE	(DEF 1) 0= PRESS RESET 1= AUTO RESET
5	INCOMPLETE JOB DETECTION	(DEF 0) 0=DETECTION NOT MADE 1=MADE
6	TIGHT TIME CONTROL FROM START	(DEF 0) 0=NOT MADE 1=MADE
7		
8		
9	TIGHTENING MODE	(DEF 3) 3=MC WRENCH / EC WRENCH
10		
11	EXTERNAL START	(DEF 0) 0=not used 1,2,3 see comment
12		
13	PRINTER	(DEF 0) 0=ALL 1=ERRORS 2=NONE
14	FASTENING COUNTER	(DEF 0) 0=COUNTER ALWAYS FUNCTIONS, 1,2,3,4 see comment
15	ALARM BUZZER	(DEF 0) 0=NO BEEP 1= BEEP TO CONFIRM FASTENING
16	START LEVEL ERROR	(DEF 0) 0=NOT DET 1=DETECTED (TIMER 7)
17	CYCLE OVER TIME	(DEF 0) 0=NOT ACTIVE 1=ACTIVE (TIMER 8)
18		
19	<b>FASTENING TIME DISPLAY</b>	
20	<b>ANGLE DISPLAY</b>	
21	ANGLE PULSE RATE	(DEF 100) 0-999 100= 1PULSE/1DEG 50=1PULSE/HALFDEG
22	ANGLE LOW LIMIT	(DEF 0)
23	ANGLE HIGH LIMIT	(DEF 999)
24	SNUG TORQUE LEVEL	(DEF 14.7) 0.1-980.4 START<MODE 24<CUT
25	ANGLE CUT LEVEL	(DEF 200) 1-988
26		
27	ADDITIONAL PULSE FUNCTION	(DEF 1) 1-5 PULSES AFTER CUT
28	UNITS	0=NM 1=kgfcm 2=kgfM 3=ftlb 4=inlb
29	OPT. INPUT BOARD WIRING	(DEF 0)
30	FUNCTION CHANGE OF OUTPUT	(DEF 0) 0=TORQUE AND COUNT OUTPUT 1=COUNT
31	TOOLS CONNECTED	(DEF 1) 0=NOT CONNECTED 1=CONNECTED
32		
33	<b>PULSE NUMBER DISPLAY</b>	
34	PULSE LOW LIMIT	(DEF 2) 0-9998
35	PULSE HIGH LIMIT	(DEF 100) 1-9999
36		
37		
38		
39		
40		
41	OUTPUT TERMINAL DIAGNOSIS	Use # 4,5 & 6 key to test lights and solenoid
42		
43		
44		
45		
46	BAUD RATE	(DEF 2) 1=9600 2=19200 3=38400 4=57600 5=115200
47		
48		
49		
50	LINE FEED /PRINT	(DEF 0) 0=CR 1=LF 2=CR&LF
51	WAVE DATA PRINT	(DEF 0) 0=NOT PRINTED 1=1&2 TOOLS PRINTED 2=1TOOL 3=2TOOL
52	ANGLE DATA PRINT	(DEF 1) 0=NOT PRINT 1=PRINT
53		

MODES	ITEM	DESCRIPTION
54	PULSE NUMBER PRINT	(DEF 1) 0=NOT PRINT 1=PRINT
55	MEMORY DATA PRINT	(DEF 0) 0=ALL/1 1=NOK/1 2=ALL/2 3=NOK/2
56		
57	MEMORY THROUGH RSR232C	(DEF 0) 0=ALL/1 1=NOK/1 2=ALL/2 3=NOK/2
58	RS232 OUTPUT	(DEF 0) 0=ALL 1=ERRORS 2=NOT
59	DATA OF RS232	(DEF 0)
60	BAUD RATE RS232	(DEF 1) 0=4800 1=9600 2=19200
61	BIT LENGTH	(DEF 1) 0=7 1=8
62	STOP BIT	(DEF 0) 0=1 1=2
63	PARITY	(DEF 0) 0=NONE 1=EVEN 2=ODD
64	TORQUE OF RS232	(DEF 1) 0=NOT SEND 1=SEND
65	ANGLE OF RS232	(DEF 1) 0=NOT SEND 1=SEND
66		
67	PULSE OF RS232	(DEF 1) 0=NOT SEND 1=SEND
68	TIME OF RS232	(DEF 1) 0=NOT SEND 1=SEND
69	JUDGEMENT OF RS232	(DEF 1) 0=NOT SEND 1=SEND
70	<b>ZERO POINT DISPLAY</b>	
71	LAYOUT OF INPUT TERMINALS	(DEF 1) LS1-1
72	LAYOUT OF INPUT TERMINALS	(DEF 2) START1
73	LAYOUT OF INPUT TERMINALS	(DEF 3) RESET
74	LAYOUT OF OUTPUT TERMINALS	(DEF 1) 1ST TOOL COUNT OK
75	LAYOUT OF OUTPUT TERMINALS	(DEF 2) 1ST TOOL COUNT NOK
76	LAYOUT OF OUTPUT TERMINALS	(DEF 3) 1ST TOOL TORQUE OK
77		
78		
79		
80	MEMORY DATA OUTPUT	(DEF 0) 0=NOT OUTPUTTED 1=OUTPUTTED
81	MEMORY OUTPUT SELECT	(DEF 0) 0=CENTRONICS PRINTER 1=RS232
82	<b>AVERAGE DISPLAY</b>	
83	SIGMA DISPLAY	
84	3SIGMA SCATTER DISPLAY	
85	<b>CP DISPLAY</b>	
86	<b>CPK DISPLAY</b>	
87	MEMORY STORAGE ALLOCATION	(DEF 0) 0=10,000 READINGS 1=2,500/WS
88	MEMORY STORAGE	(DEF 2)
89	<b>MEMORY DATA CLEAR</b>	
90	KEY INPUT DIAGNOSIS	
91	TERMINAL / INPUT DIAGNOSIS	
92		
93		
94		
95		
96		
97		
98	UEC NUMBER	(DEF 1) 1-25
99		
<b>TIMER</b>		
1	JUDGEMENT DELAY TIMER	DEFAULT 300ms
2	INITIAL TROUBLE L.O.E. DETECTION	DEFAULT 500ms
3	CYCLE ERROR CYL.E	DEFAULT 5000ms
4	FASTENING OK	DEFAULT 9999ms
5	COUNT OK	DEFAULT 9999ms
6	TORQUE MEASURING DELAY	DEFAULT 20ms
7	START LEVEL ERROR SL.E.	DEFAULT 500ms
8		DEFAULT 9999ms
20	VALVE RETURN TIMER	DEFAULT 300ms
21	REVERSE ROTATION COMPLETE	DEFAULT 300ms

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LINE CONTROL

DEFAULT 100ms