

# KDM30 Instruction Manual

## for Battery / External Power Supply



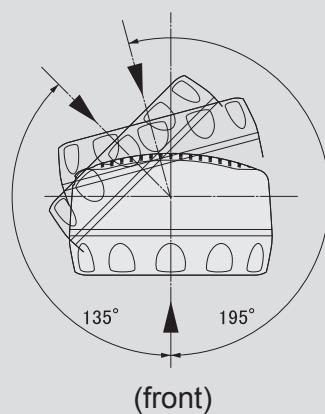
### **! CAUTION**

Please use spanner / Wrench when install / remove KDM30.  
Installing / removing KDM30 by screwing KDM30 body cause product break.

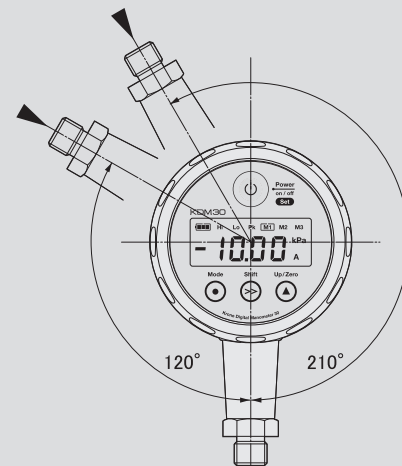


#### Flexible Display

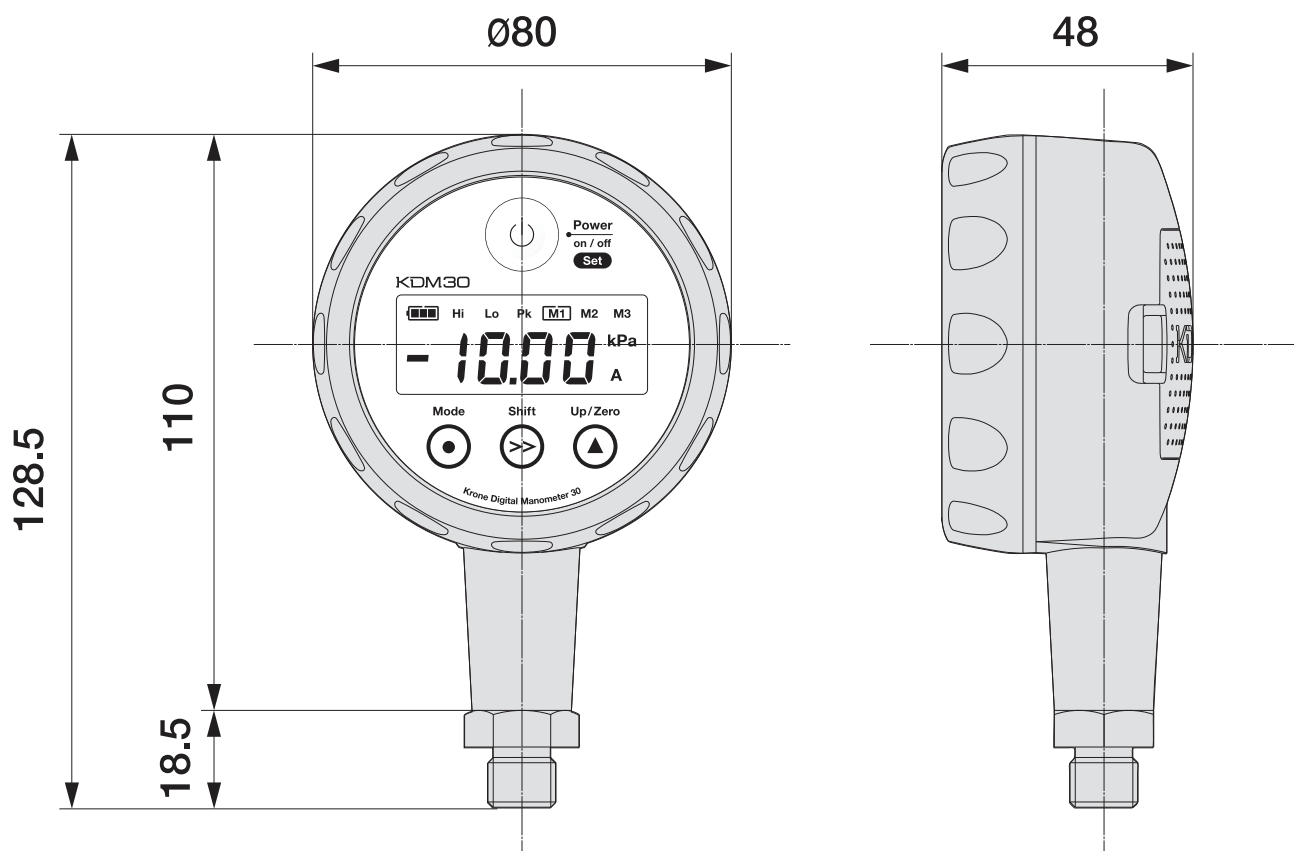
Neck rotation angle: Max 330°
















Display rotation angle: Max 330°



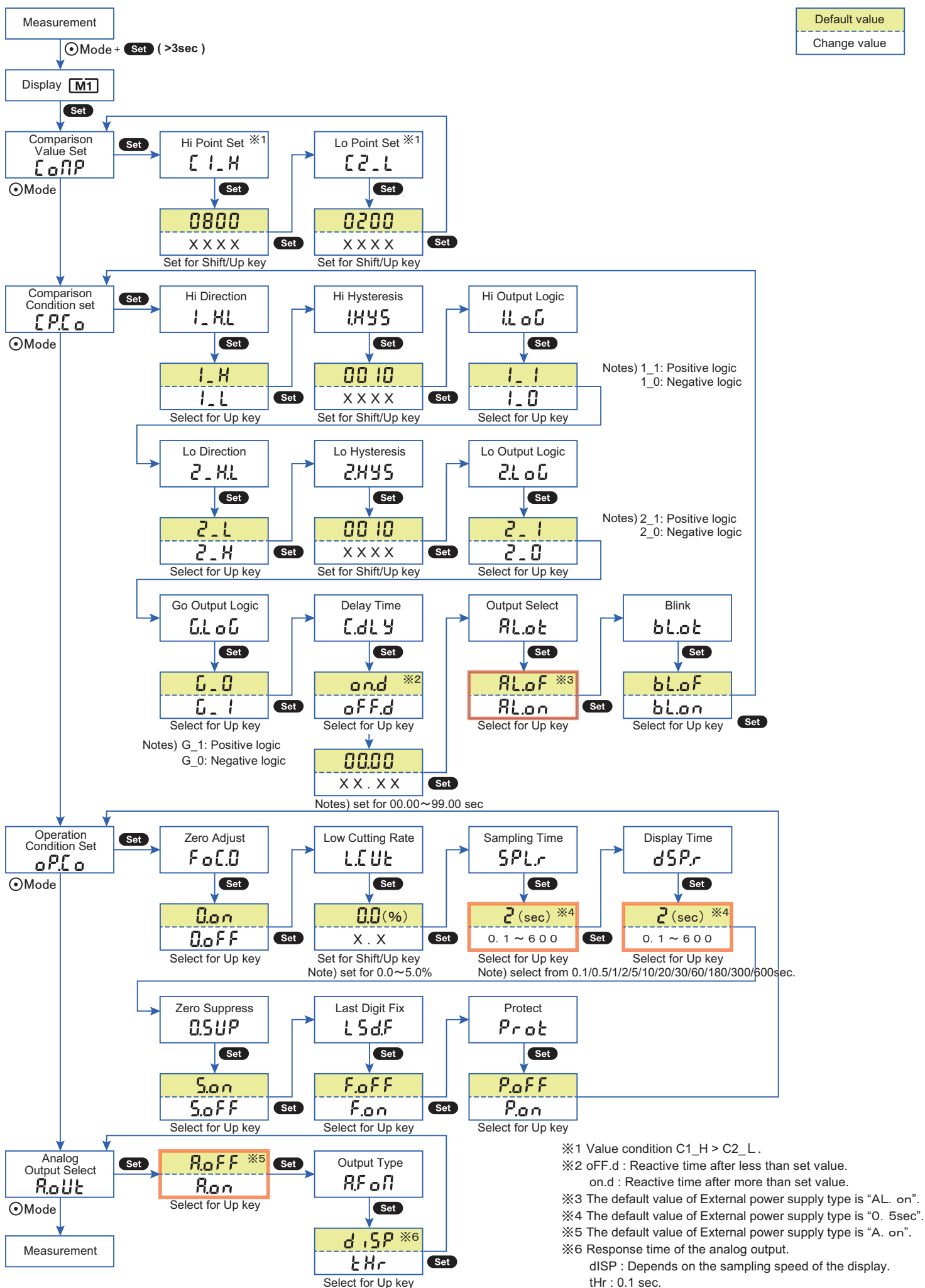
## ■ Enplanation of the operation key & Monitor



Four keys serve to set the KDM30

Item	Function	How to operate
 <b>Power / Set</b>	Power ON / OFF	ON: Press <b>Power / Set</b> key OFF: Press <b>Power / Set</b> key > 3sec..
	Backlight ON/OFF	Press the key when the display shows measured pressure. Press the key again backlight is OFF For backlight time adjustment mode is <b>M2</b>
	Mode change	For change the Mode.
 <b>Mode</b>	Calling up setting <b>M1</b> and <b>M2</b>	Press with the <b>Power / Set</b> key for <b>M1</b> Press with the <b>Power / Set</b> key then press the <b>Shift</b> key for <b>M2</b>
 <b>Shift</b>	Setting decimal places and signs	The last fugre flashes → set the sign by press <b>Shift</b> key
 <b>Up</b>	Selection table	Choose one from two kind of mode setting value adjustment
	Increase value	
 <b>Zero</b>	Zero adjust	The Zero point calibration to start the calibration press <b>Up/Zero</b> key
	Battery Icon display	 This bar graph indicates battery level (e.g. Replace batteries)
 <b>Hi</b>	Hi display	Flush display over the set value
 <b>Lo</b>	Lo display	Flush display under the set value
 <b>Pk</b>	Pk display	Peak or Valley value display
 <b>M1</b>	Mode1	Mode1 function (see Parameter table)
 <b>M2</b>	Mode2	Mode2 function (see Parameter table)
 <b>M3</b>	Mode3	Factory setting mode

# Mode1 Parameter table



Default value  
Change value

Notes) 1\_1: Positive logic  
1\_0: Negative logic

Notes) 2\_1: Positive logic  
2\_0: Negative logic

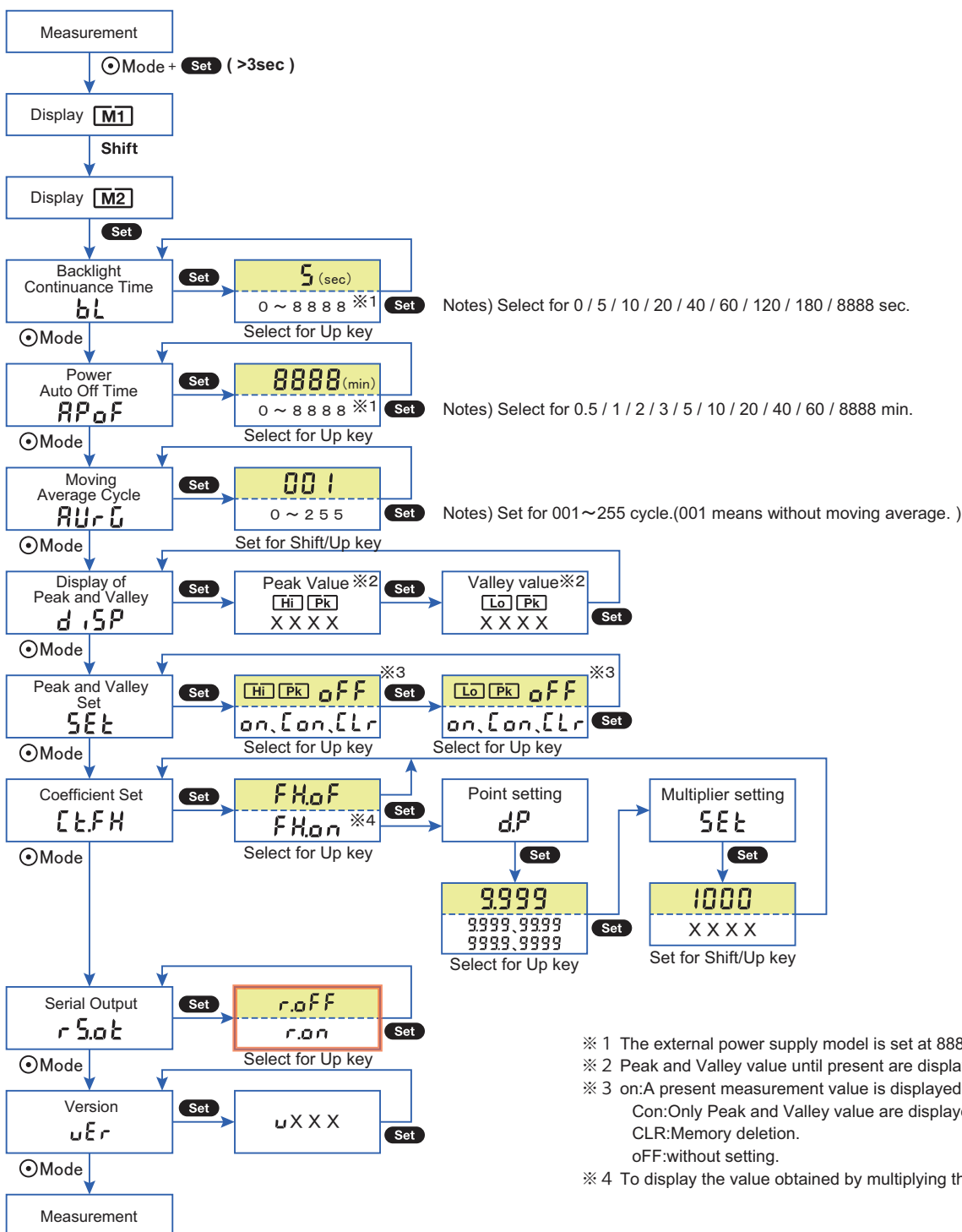
Notes) G\_1: Positive logic  
G\_0: Negative logic

Notes) set for 00.00~99.00 sec

Note) set for 0.0~5.0%

- \*1 Value condition C1\_H > C2\_L.
- \*2 oFF.d : Reactive time after less than set value.  
on.d : Reactive time after more than set value.
- \*3 The default value of External power supply type is "AL. on".
- \*4 The default value of External power supply type is "0. 5sec".
- \*5 The default value of External power supply type is "A. on".
- \*6 Response time of the analog output.  
dISP : Depends on the sampling speed of the display.  
tHr : 0.1 sec.

# Mode2 Parameter table



- ※ 1 The external power supply model is set at 8888 seconds. (8888 means infinity)
- ※ 2 Peak and Valley value until present are displayed.
- ※ 3 on:A present measurement value is displayed. Peak and Valley value are memory.  
Con:Only Peak and Valley value are displayed.  
CLR:Memory deletion.  
off:without setting.
- ※ 4 To display the value obtained by multiplying the coefficient to the measured value.

\*The design and specifications are subject to change without prior notice for product improvement.

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