

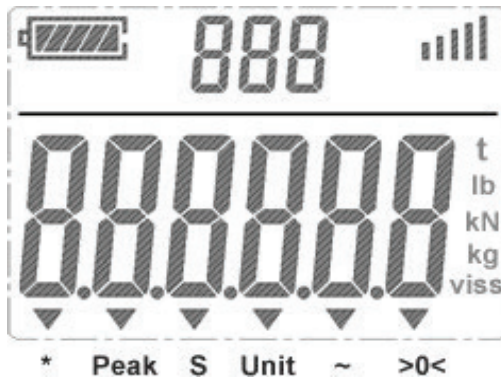


Digital Indicator
for Point Load Tester

Specifications

Accuracy	24 bit AD
Sample rate	10 tims/s , 40 times/s or 80 times/s
Load cell sensitivity	1~3mV/V
Display	LCD
Display color	black character on a white background
Division	1/2/5/10/20/50/100
Weighing Units	kg/lb/kN/N/g/t/viss
Dimension(mm)	6.5*3.14*1.18 inch
Power Supply	AAA 1.5V*4
Operating temperature	-25°C~50°C, RH 10%~85%, Non-condensing
Storage temperature	-30°C~55°C, RH 10%~85%, Non-condensing

Display



- Battery Status
- *: NA
- Peak: Peak Load Mode
- S: Displays saved test
- Unit: Select unit of measure [t / lb / kN / kg / g / viss / N]
- ~: Indicates stable reading.
- >0<: Indicates display is Zerod

Load cell interface

PIN1 E-	PIN3 S-	PIN2 S+	PIN4 E+
Connect to load cell			
(Excitation-)	(Signal-)	(Signal+)	(Excitation+)

Work options:

Steps	Operation	Display	Note
1	Press [FUNC] for 3 seconds	[P 0000]	
2	Press [→] Press [↑]	[P 1111]	Use cursor to input password [1111]
3	Press [FUNC] Press [↑] Or press [FUNC] for exit	[FUNC 0]	Choose function setting: 1:Work options 2:Filter setting (1~3) 5:Delete stored data
4	Press [FUNC] Press [↑]	[FUNC 1] [edn 1]	1: Default
5	Press [FUNC] Press [↑]	[FUNC 2] [FLT 2]	Load display rate filter : 1~3 1: Higher refreshing rate 3: Slow refreshing rate
6	Press [FUNC] Press [↑]	[FUNC 5] [dEL 0]	0:cancel 1:delete all record
7	Press [FUNC]	Exit	

Calibration Function

Steps	Operation	Display	Note
1	Press [FUNC] for 3 seconds	[P 0000]	Enter calibration function
2	Press [→] Press [↑]	[P 2222]	Use cursors to input password [2222]
3	Press [→] Press [FUNC]	[E 001] [E 005]	Division setting: 1, 2, 5, 10, 20, 50, 100 For example: 5kg
4	Press [→] Press [FUNC]	[DC 0] [DC 0]	Decimal point 0, 1, 2, 3 For example: 0 (*.*)
5	Press [→] Press [FUNC]	[unit kg]	Calibration can only be done in kg
6	Press [→] Press [↑] Press [FUNC]	[011000]	Set the maximum range alarm indicator. Set to units performing test under. kN: [000050] lbf: [011000]
7	Press [FUNC]	[noload]	NO load applied
8		[adload]	Apply maximum load
9	Press [→] Press [↑] Press [FUNC]	[04989]	Use cursor to insert maximum load value. Example: 4989kg Allow load to stabilize.
10	Press [FUNC]	[*****]	Displaying the Calibration factor
11		RETURN	Calibration over

Other Functions

Zero Setting Function

Steps	Operation	Display	Note
1	Press [Zero]	[0]	Set zero

Search Function

Steps	Operation	Display	Note
1	Press [Search]	[]	Enter to search mode "S"
2	Press [↑]	[***] [*****]	Displays stored test, Displays last saved load reading
3	Press [↑]		Skip to another stored load reading
4	Press [Search] Press [Search]		Press button twice to exit the search mode.

Set Unit

Steps	Operation	Display	Note
2	Press [Search]	[]	Arrow will move above "unit" on the display.
3	Press [↑] to modify	[kg]	t/lb/kN/kg/g/viss
4	Press [Function]		
5	Press [↑] to modify	[005]	E: Divisions of reading. 1, 2, 3, 10, 20, 50, 100
6	Press [Function]		
7	Press [↑] to modify	[0-3]	dc = decimal place.
8	Press [Function]		

Backlight Function

Steps	Operation	Display	Note
1	Press [Backlight]		Turns display backlight off/on

Save

Steps	Operation	Display	Note
1	Press [Save]		Saves current test into memory of digital indicator

Peak Mode

Steps	Operation	Display	Note
1	Press [FUNC/Peak]		Arrow will appear above "Peak" on the display.
2	Press [FUNC/Peak]		Exit Peak mode Note: Pressing the zero key will clear the peak value but remain in peak mode

Messages

Connection issue

Err 05

Warranty

Humboldt Mfg. Co. warrants its products to be free from defects in material or workmanship. The exclusive remedy for this warranty is Humboldt Mfg. Co., factory replacement of any part or parts of such product, for the warranty of this product please refer to Humboldt Mfg. Co. catalog on Terms and Conditions of Sale. The purchaser is responsible for the transportation charges. Humboldt Mfg. Co. shall not be responsible under this warranty if the goods have been improperly maintained, installed, operated or the goods have been altered or modified so as to adversely affect the operation, use performance or durability or so as to change their intended use. The Humboldt Mfg. Co. liability under the warranty contained in this clause is limited to the repair or replacement of defective goods and making good, defective workmanship.

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