

## Model: 3320



### Application:

3320 is a high-precision digital pressure gauge, which is composed of high-precision pressure measurement chips, temperature measuring circuit, battery and voltage measuring circuit and intelligent digital pressure module. It can measure the pressure, compound pressure, absolute pressure and differential pressure applications. It is ideal for service:

- \*Maintenance and service facilities
- \*Calibration service companies and service industry
- \*Simple calibrations directly on site

### Special Feature:

Pressure range up to 2500bar  
 Large, easy to read display with 6-digit resolution  
 White backlight and RS232 communication port  
 Nine Pressure Units selectable  
 Zero and Full Span recalibration function  
 %Pressure indication with bar graph  
 Rechargeable lithium battery or AC adapter  
 Data logging function, store measuring value  
 Temperature compensating to keep accuracy

### Specification:

Accuracy: +/-0.025%, +/-0.05% , +/-0.1% for option  
 Operating temperature:-10°C to 50°C with temperature compensation  
 Operating Humidity: <95%  
 Storing temperature:-20°C to 70°C  
 Display: 6 digits big LCD with back light  
     Auto Off can be reset  
     The backlight time adjustable  
     Pressure unit: psi, bar, mbar, kgf/cm2,Pa, kPa, MPa, mmH2O, mmHg, selectable  
 Power Battery: One piece lithium battery 8.4Vdc, charged Battery life:80 hours, rechargeable from back  
 Data/Communication: RS232  
 Data logging: Calibration record of 30 times of testing  
 Sensor: Silicone sensor

Housing Case material: Plastic, with rubber cover

Wetted parts: 316 Stainless steel

Pressure connection 1/4"NPT male, M20×1.5 male bottom entry as standard, Other connections customized

Over pressure alarm: 110% of Full Scale

Dimension: 95mm x 49mm x 166mm

Net Weight: 770g

Certificate: CE, EX

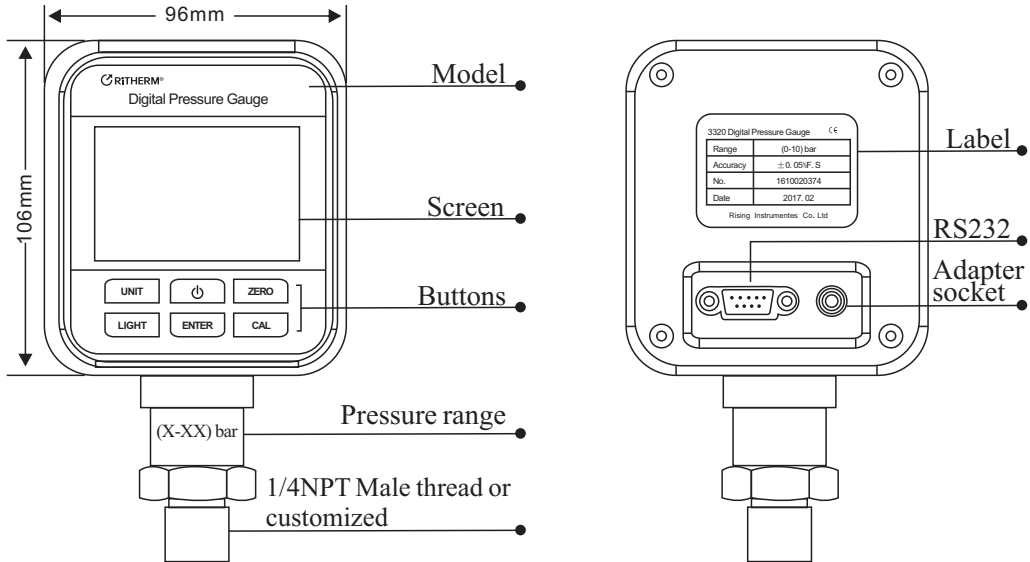
### Range, accuracy and working media available

Pressure Range		Accuracy available	Media
psi	bar		
0-10	0-0.7	0.025,0.05,0.1	Air
0-15	0-1	0.025,0.05,0.1	Air
0-30	0-2	0.025,0.05,0.1	Air, liquid
0-60	0-4	0.025,0.05,0.1	Air, liquid
0-100	0-7	0.025,0.05,0.1	Air, liquid
0-200	0-14	0.025,0.05,0.1	Air, liquid
0-300	0-20	0.025,0.05,0.1	Air, liquid
0-500	0-35	0.025,0.05,0.1	Air, liquid
0-600	0-40	0.025,0.05,0.1	Air, liquid
0-1000	0-70	0.025,0.05,0.1	Air, liquid
0-2000	0-140	0.025,0.05,0.1	Air, liquid
0-3000	0-200	0.025,0.05,0.1	Air, liquid
0-5000	0-350	0.025,0.05,0.1	Air, liquid
0-6000	0-400	0.025,0.05,0.1	Air, liquid
0-10000	0-700	0.025,0.05,0.1	Air, liquid
0-15000	0-1000	0.025,0.05,0.1	Air, liquid
0-24000	0-1600	0.05,0.1	Air, liquid
0-37000	0-2500	0.05,0.1	Air, liquid







Compound Range		Accuracy available	Media
psi	bar		
-0.4-0.4	-0.025-0.025	0.025,0.05,0.1	Air
-0.8-0.8	-0.05-0.05	0.025,0.05,0.1	Air
-1.5-1.5	-0.1-0.1	0.025,0.05,0.1	Air
-6-6	-0.4-0.4	0.025,0.05,0.1	Air
-15-15	-1-1	0.025,0.05,0.1	Air

or other equivalent pressure range

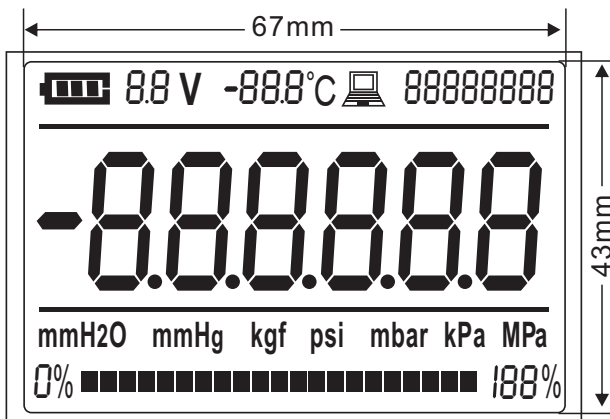
**Drawing:**





**Button Introduction**

-  Power on/off
-  Back light.
-  kPa, mmHg、 mmH2O、 bar、 mbar、 psi、 kgf/cm2、 MPa and Pa selectable.
-  Back to zero
-  Zero and full span calibration and linear revision.( Do not use this button when unnecessary.)
-  Confirm

**Display**



**Display definition:**

-  the mark of PC connection
-  indicates status of charge
- 88 V the current voltage
- 88.8°C current ambient temperature
- 888888 displays data
- mmH2O...MPa 9 pressure units selectable
- 0% ■■■188% displays the pressure of % of full span

**Option:**

- 1. Calibration report
- 2. Certificate of conformity
- 3. Adaptor
- 4. Pressure pump
- 5. Software and cable for RS232 communication

**How to order:**

Model	-	Accuracy	-	Process connection	-	Range	-	Option
3320	-	0.1%		1/4" NPT		See		See
		0.05%		1/4" BSP		pressure		Option
		0.025%		1/2" NPT		Range		
				1/2" BSP				
				M20x1.5				