

## Digital pressure gauge

### CWY122

#### Technical Indicators

**1 Pressure Range: (-0.1-250) MPa** (please see the attached table for range selection); automatic identification and can be equipped with several intelligent digital pressure modules (Quantity and range are unlimited, please see the attached table for module selection); gauge pressure, absolute pressure or differential pressure measurement are available; can check pressure transmitter, bourdon tube pressure gauge, pressure switch, etc if used with hand pump or pressure calibrator.



**2 Resolution:** pressure: Min 0.01Pa; current: 0.1 $\mu$ A; voltage: 0.1mV

**3 Current Measurement Range:**  $\pm 25.0000$  mA

**Voltage Measurement Range:**  $\pm 50.0000$  V

**4 DC Power Output:** 24VDC  $\pm 10\%$ , maximum load current :50mA

**5 Accuracy:** Pressure: 0.05%F•S or 0.02%F•S

Voltage and Current:  $\pm(0.01\%R.D+0.005\%F•S)$

**6 Temperature Range:** 0-50°C

**7 DC Working Time:**  $\geq 80$  hours (depending on the working condition)

**8 Display:** 5-dig or 6-dig is optional

**9 Relative Humidity:**  $\leq 80\%$ RH

**10 Overload Capacity:** 1.2-1.5 times of the upper limit of the range

**11 External Dimension:** outer diameter: 155mm, thickness: 47mm (dimensions of outer silicone protective cover); The outer diameter of the sensor connector is 58mm and the length is 80mm.

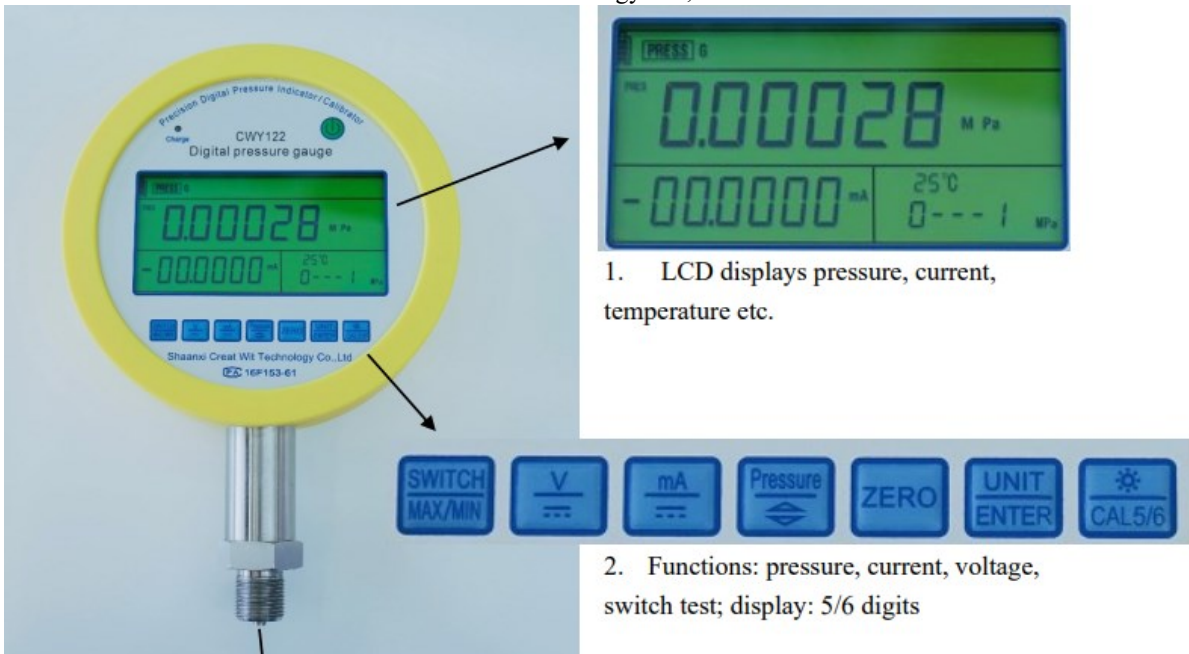
**12 Weight:** 1000g

**13 Power Supply:**3.7v /4000mAh lithium battery, charging voltage:5V, with battery power display function

**Order information, other user defined ranges are also available.**

Range	Accuracy (F•S)		Range	Accuracy (F•S)	
-100~100KPa	0.05%	0.02%	0~600KPa	0.05%	0.02%
-60~60KPa	0.05%	0.02%	0~1MPa	0.05%	0.02%
-25~25KPa	0.05%	0.02%	0~1.6MPa	0.05%	0.02%
-10~10KPa	0.05%	0.02%	0~2MPa	0.05%	0.02%
-6~6KPa	0.05%	0.02%	0~2.5MPa	0.05%	0.02%
-4~4KPa	0.05%	0.02%	0~4MPa	0.05%	0.02%
0~25KPa	0.05%	0.02%	0~6MPa	0.05%	0.02%
0~40KPa	0.05%	0.02%	0~10MPa	0.05%	0.02%
0~60KPa	0.05%	0.02%	0~16MPa	0.05%	0.02%
0~100KPa	0.05%	0.02%	0~25MPa	0.05%	0.02%
0~160KPa	0.05%	0.02%	0~35MPa	0.05%	0.02%
0~250KPa	0.05%	0.02%	0~40MPa	0.05%	0.02%
0~400KPa	0.05%	0.02%	0~60MPa	0.05%	0.02%
0~1000KPa	0.05%	0.02%	0~100MPa	0.05%	0.02%
0~1600KPa	0.05%	0.02%	0~160MPa	0.05%	0.02%
0~2500KPa	0.05%	0.02%	0~250MPa	0.05%	0.02%

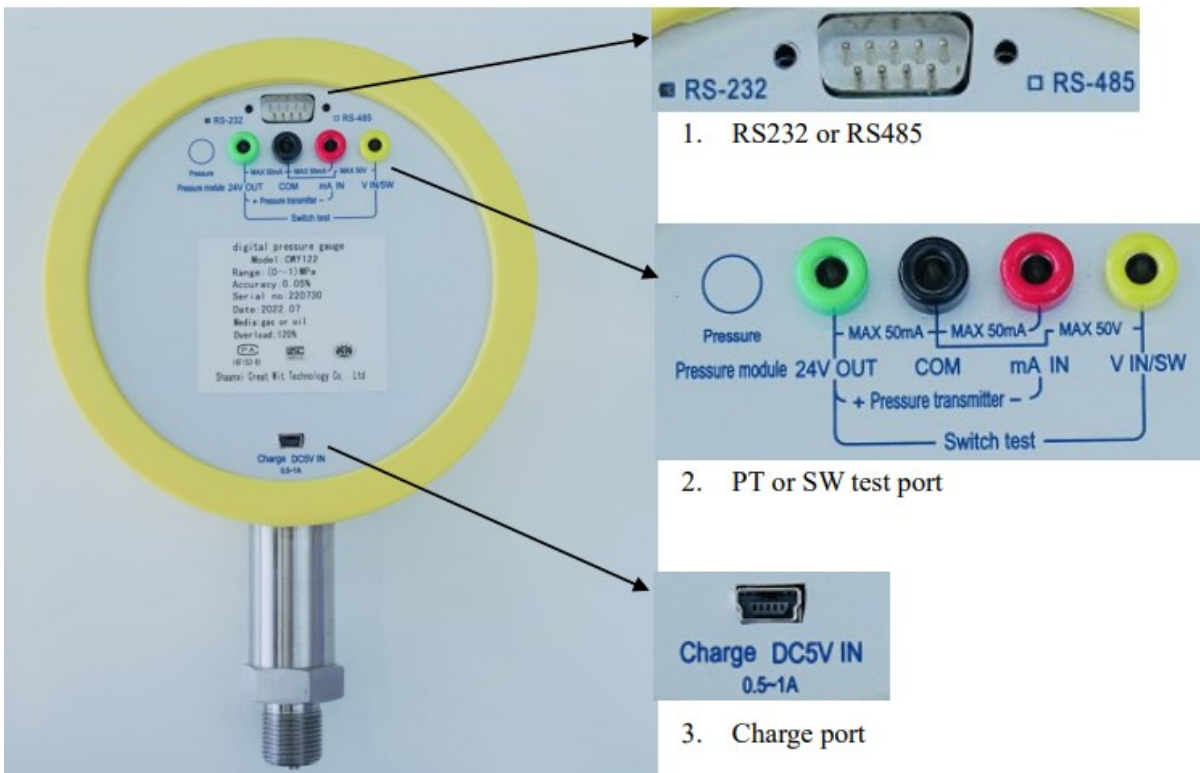
**Note: pressure modules range & accuracy are same with gauge info below 100MPa. Higher pressure cannot connect module.**



1. LCD displays pressure, current, temperature etc.

2. Functions: pressure, current, voltage, switch test; display: 5/6 digits

3. Connection thread: M20\*1.5 or others like NPT, G thread



1. RS232 or RS485

2. PT or SW test port

3. Charge port