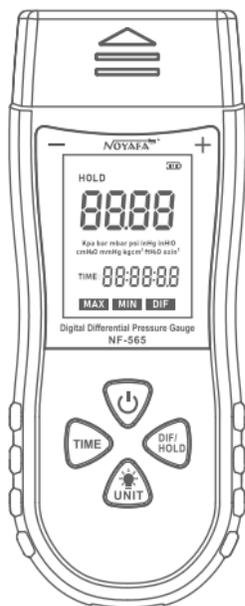


DIGITAL DIFFERENTIAL PRESSURE GAUGE

NF-565



VER:V1

1、Scop Of Application

NF-565 is a high precision digital display differential pressure gauge. The product is equipped with a hose, which can be quickly connected to the host during measurement, easy to operate, and clear readings. It can measure differential pressure/negative pressure/positive pressure, and there are a variety of pressure units to switch, such as inH₂O, psi, mbar, kPa, inHg, ozin₂, ftH₂O, cmH₂O, kgcm₃, bar, mmHg.

The device is mainly used for the measurement of ventilation and air conditioning systems, On-site numerical calibration, troubleshooting of gas pressure systems, etc.

2、Product Function Keys



3、Scop Of Application

Unit	Range	Resolution	Function	Range	Resolution
inH ₂ O	±140.52	0.1	ozin ₂	±8.21	0.01
psi	±5.08	0.001	ftH ₂ O	±11.71	0.01
mbar	±350	0.1	cmH ₂ O	±356.91	0.1
kPa	±35.1	0.01	kgcm ²	±0.36	0.001
inHg	±10.34	0.01	bar	±0.35	0.001
mmHg	±262.5	0.1			

4、Product Operation Instructions

① Turn on/off

Long press the power button for 2 seconds to turn on or turn off the device.

② Unit switching

Press the UNIT key to switch the pressure unit, such as inH, O, Psi, mbar, kPa, inHg, ozin₂, ftH, O, cmH, O, kgcm₂, Bar, mmHg.

③ Difference and limit value display

Long press the DIF/HOLD key, to switch DIF, MAX, MIN, the switched DIF displays the difference between the current air pressure and the saved air pressure when switching DIF. When entering MAX, Max value data is not updated unless it is larger than the current one. Similarly, when entering MIN, the current minimum value will only be updated if it is smaller than the current minimum value.

④ Data retention

Press DIF/HOLD key to keep the current value unchanged, and press it again to cancel the hold function.

⑤ Timer function

Short press the TIME button to start timing or pause timing, and long press to reset the timer.

⑥ Backlight

Long press UNIT to turn on the backlight, which can help you work in the darkness, and long press again to turn off the backlight.

⑦ Low battery reminder

When the battery indicator icon is 0, it means that the battery needs to be replaced.

⑧ Automatic shutdown function

If no operation with the buttons for 10 minutes, the device will automatically shut down, which is beneficial to prolong battery life.

5、Product Technical Parameters

NF-565 Digital Differential Pressure Gauge	
Accuracy	±0.3%FS
Linear	±0.1%FS at full range
Measuring range	±35.1Kpa
Maximum limit pressure	70.2Kpa
Repeatability	±0.25S%FS
Reaction time	0.5S
Pressure connection	Pagoda head
Over range prompt	ERR1 or ERR2
Automatic shutdown	10 minutes
Working temperature and humidity	0°C~40°C (32°F~104°F) 10~70%RH
Storage temperature	-10~60°C
Battery	9V Battery
Size	139*33*55.5mm

设计	品名	样式	印刷要求
HZL	NF-565说明书英文-V1-20230411	折页	单色
日期	品号	页码	
2023.04.11		无	
样品	尺寸	材质	
	297x105mm	128g 铜版纸	
变更记录			