

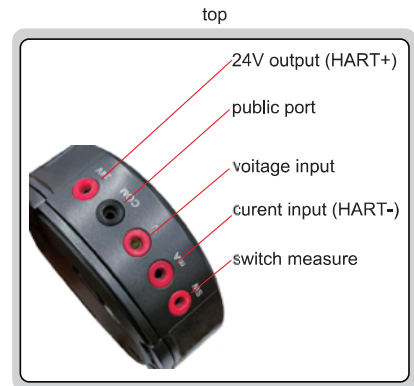
# DIGITAL PRESSURE CALIBRATORS



- Calibration of general pressure gauges, precision pressure gauges, pressure transmitters, pressure switches, sphygmomanometers, pressure transducers and other pressure instruments and meters
- Large white backlight LCD display with multiple measurements shown at the same time
- With standard HART interface, built-in HART communication, It can calibrate HART pressure transmitter
- RS232 interface for uploading stored files
- 11 pressure units can be switched
- With automatic temperature compensation function
- With data storage function, the data will not be lost when the pressure calibrator is switched off
- Other additional functions: pressure percentage display, pressure leakage detection, multiple triggering of pressure switches, pressure peak recording, 24V DC output



5240-M20Y600



Range *	Connection *		
	M20	G1/2	NPT1/2
(-100-0)kPa/(-1~0)bar	5240-M20Y010A	5240-G12Y010A	5240-N12Y010A
(0-100)kPa/(0~1)bar	5240-M20Y010	5240-G12Y010	5240-N12Y010
(0-160)kPa/(0~1.6)bar	5240-M20Y016	5240-G12Y016	5240-N12Y016
(0-250)kPa/(0~2.5)bar	5240-M20Y025	5240-G12Y025	5240-N12Y025
(0-400)kPa/(0~4)bar	5240-M20Y04	5240-G12Y04	5240-N12Y04
(0-600)kPa/(0~6)bar	5240-M20Y06	5240-G12Y06	5240-N12Y06
(0-1)MPa/(0~10)bar	5240-M20Y10	5240-G12Y10	5240-N12Y10
(0-1.6)MPa/(0~16)bar	5240-M20Y16	5240-G12Y16	5240-N12Y16
(0-2.5)MPa/(0~25)bar	5240-M20Y25	5240-G12Y25	5240-N12Y25
(0-4)MPa/(0~40)bar	5240-M20Y40	5240-G12Y40	5240-N12Y40
(0-6)MPa/(0~60)bar	5240-M20Y60	5240-G12Y60	5240-N12Y60
(0-10)MPa/(0~100)bar	5240-M20Y100	5240-G12Y100	5240-N12Y100
(0-16)MPa/(0~160)bar	5240-M20Y160	5240-G12Y160	5240-N12Y160
(0-25)MPa/(0~250)bar	5240-M20Y250	5240-G12Y250	5240-N12Y250
(0-40)MPa/(0~400)bar	5240-M20Y400	5240-G12Y400	5240-N12Y400
(0-60)MPa/(0~600)bar	5240-M20Y600	5240-G12Y600	5240-N12Y600

\* Other ranges and connection can be customised according to customer requirements.

**SPECIFICATION**

<b>Accuracy</b>		0.05%FS
<b>Overload pressure</b>		120%FS
<b>Long-term stability</b>		±0.1%FS/year
<b>Zero drift</b>		±0.1%FS
<b>Dial diameter</b>		120mm
<b>Pressure type</b>		gauge pressure
<b>Unit</b>		MPa, kPa, inHg, inH <sub>2</sub> O, kgf/cm <sup>2</sup> , mmH <sub>2</sub> O, mmHg, mbar, bar, psi, Pa
<b>Electrical connection</b>		Measuring connection standard Ø4mm jack
<b>Current measurement</b>	<b>range</b>	(-30~30)mA
	<b>resolution</b>	0.1µA
	<b>accuracy</b>	±(0.01%RD+0.003%FS)
<b>Voltage measurement</b>	<b>range</b>	(-30~30)V
	<b>resolution</b>	0.1µV
	<b>accuracy</b>	±(0.01%RD+0.003%FS)
<b>Pressure switch-off measurement</b>		voltage range 3V~24V (if with electric)
<b>Temperature measurement</b>	<b>range</b>	0~50°C
	<b>accuracy</b>	±1°C
<b>24V DC output</b>		24V±0.5V, 50mA(max)
<b>Operation environment</b>	<b>work temperature</b>	0~50°C
	<b>humidity</b>	(0~90%)RH (non-condensing)
	<b>atmospheric pressure</b>	0.86~1.01bar/(86~101)kPa
<b>Data interface</b>		RS232
<b>Power supply</b>		rechargeable lithium battery, power adapter-powered
<b>Dimension</b>		header Ø120×45mm, overall length 190mm
<b>Weight</b>		0.70kg

**STANDARD DELIVERY**

<b>Main unit</b>	1 pc
<b>Power adapter</b>	1 pc
<b>Current and voltage test line</b>	1 set

**OPTIONAL ACCESSORY**

<b>Pressure gauge penumatic calibration pump</b>	<b>5220-PP06</b>
<b>Pressure gauge calibration pump</b>	<b>5230-HPxxx</b>
<b>Pressure adapter</b>	<b>5220-PA-xxx</b>