

Multi-functional Digital Manifold Gauge Set Model: FDPG-2013 Introduction

This type of digital refrigeration gauge has high accuracy, wide measuring range and complete performance. It can completely replace the traditional pointer type refrigeration gauge. According to the temperature characteristic of different refrigerant, the pressure value is compensated automatically. Suitable for maintenance and commissioning of air conditioning and cooling systems.



Main Specifications	Other Specifications
<p>▼ Size 190 x 140 x 80mm</p> <p>▼ Connection 1/4" SAE x3</p> <p>▼ Pressure range High pressure end: 0...725 psi (0...50bar) Low pressure end: 0...435 psi (0...30bar) Vacuum measurement: 29.92 inHg...0inHg</p> <p>▼ Temp. measurement range -20 to 70°C</p> <p>▼ Applicable refrigerant type CFC / HCFC / HFC For more information please refer to applicable refrigerant type table</p> <p>▼ Max. operating pressure High pressure end: 10875 psi (75bar) Low pressure end: 6255 psi (45bar)</p> <p>▼ Ambient temperature -15 to 50°C</p> <p>▼ Ambient humidity 10~90%RH</p> <p>▼ Accessories Refrigerant pipe (red, blue, yellow) X1 Temperature sensor X2</p>	<p>▼ Case material ABS/PA/TPE</p> <p>▼ Screen display LCD screen Turn on/off backlight with the button Simultaneous display high and low pressure and temperature values Pressure display digits: 4-digits Temp. display digits: 3-digits</p> <p>▼ Screen size 71 (W) * 43 (H) mm</p> <p>▼ Pressure & temperature unit Switchable pressure unit ▼ inHg, bar, psi, kPa Switchable vacuum unit ▼ Micron, kPa Switchable temp. unit ▼ °C, °F</p> <p>▼ Power supply AA 1.5V battery x5 Service life is about 150 hours (without backlight) The screen flashes as the alarm when the battery is low</p> <p>▼ Accuracy Pressure: ±0.5%F.S. Vacuum: ±5Micron Temperature: ±0.5°C</p> <p>▼ Weight 800g (without battery)</p>

Applicable refrigerant type table

No.	Refrigerant type						
1	R134a	2	R14	3	R141B	4	R143A
5	R152	6	R170	7	R21	8	R218
9	R22	10	R227	11	R245	12	R290
13	R32	14	R401A	15	R401B	16	R401C
17	R402A	18	R402B	19	R403A	20	R403B
21	R404A	22	R405A	23	R406A	24	R407A
25	R407B	26	R407C	27	R408A	28	R409A
29	R409B	30	R410A	31	R410B	32	R41
33	R411A	34	R411B	35	R412A	36	R413A
37	R414A	38	R415A	39	R417A	40	R50
41	R500	42	R501	43	R502	44	R503
45	R504	46	R507	47	R507A	48	R508A
49	R508B	50	R509A	51	R600A	52	R744
53	R11	54	R113A	55	R114	56	R115
57	R116	58	R12	59	R123	60	R123A
61	R124	62	R125	63	R13		

Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- Applicable to a variety of refrigerants: CFC / HCFC / HFC type
- Simultaneous display high / low pressure and temperature values
- Folding hook design for easy storage
- LCD screen flashes when low battery
- Auto power off – automatically shut down if it is not operated for more than 30 mins. automatically turn off backlight if it is not operated for more than 10 mins.
- Record the max. / min. / average pressure and temperature