

Main Specifications	Other Specifications
<p>▼ Dimension 210 x 130 x 75mm</p> <p>▼ Pressure connection 1/4" SAE x3</p> <p>▼ Thermocouple type PCC-SMP-K x2</p> <p>▼ Pressure range 0...725 psi (0~50bar)</p> <p>▼ Temperature range -50 to 150°C</p> <p>▼ Applicable refrigerants 44 types Please refer to refrigerants list Not applicable to R171 (ammonia) and ammonia-contained refrigerants</p> <p>▼ Ambient temperature -10 to 50°C / -44 to 122°F</p> <p>▼ Storage temperature -20 to 60°C / -4 to 140°F</p> <p>▼ Ambient humidity 10~90% R.H.</p> <p>▼ Accessory K model temp. sensor Quick connector Refrigerant pipes x3 (Red/blue/yellow) 1.5V AA batteries x4 Adapter x2</p>	<p>▼ Housing material ABS/PC/TPE</p> <p>▼ Screen display LCD screen with backlight Simultaneously measure the pressure and temperature of high and low sides Screen size:68 (W) x 42 (H) mm Switchable pressure unit: psi, bar, kPa, MPa Switchable temperature units: °C / °F Pressure display digit: 4-digit Temp. display digit: 3-digit Current battery indication</p> <p>▼ Temperature display mode Saturated temp / Sensor temp. / Overheat / Overcool temp.</p> <p>▼ Measuring elements CFC / HFC / H₂O</p> <p>▼ Refresh rate 1 sec/times</p> <p>▼ Resolution Pressure: 1psi / 0.1bar / 10kPa / 0.01MPa Temperature: 1°C / 1°F</p> <p>▼ Accuracy (@22°C) Pressure: 0.75% (±1 digit) Temperature: ±2K</p> <p>▼ Power supply 1.5V AA batteries x4 / Mignon / LR6 dry battery / rechargeable lithium battery</p> <p>▼ Max. pressure resistance 1.5°F.S.</p> <p>▼ Weight 1kg (exclude battery)</p>

Multifunctional Digital Refrigeration Gauge Set

Model: FDPG-1

Introduction

FDPG-1 Multifunctional digital refrigeration gauge can simultaneously measure the pressure of high and low sides. Connect with a K-type thermocouple to measure refrigerant temperature. FDPG-1 is suitable for non-corrosive refrigerant, liquid and alcohol pressure and temperature measurement, which has been widely applied in the assembly and maintenance operation of vacuum refrigeration system.



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.)

Refrigerants list

No.	Type	No.	Type	No.	Type	No.	Type
1	R11	2	R12	3	R13	4	R22
5	R23	6	R32	7	R113	8	R114
9	R123	10	R124	11	R134a	12	R290
13	R401A	14	R401B	15	R402A	16	R402B
17	R404A	18	R406A	19	R407A	20	R407C
21	R408A	22	R409A	23	R410A	24	R413A
25	R414B	26	R416A	27	R417A	28	R420A
29	R422A	30	R422B	31	R422D	32	R424A
33	R426A	34	R427A	35	R428A	36	R434A
37	R437A	38	R502	39	R507A	40	R508B
41	R600A	42	R728	43	R744	44	R922B

Features

- Applicable refrigerants 44 types, press button to switch refrigerants type
- Maximum measurable pressure 725psi
- The folding hook design on the back protects refrigeration gauge from impact/shock damage
- 4-digit LCD screen display with fast refresh rate
- Switchable pressure/temperature unit
- Press button to open/close backlight to save power
- Connect a K-type thermocouple to measure temperature
- Various temperature display mode - Display saturated temp., sensor temp. or current overheat/overcool temp.
- Run leak test to calculate the differential pressure from start to stop time