

SYK-90 Dual Thermocouple Programmable Compound Vacuum Gauge



Introduction

SYK-90 dual thermocouple programmable compound vacuum gauge consists of two thermocouple vacuum gauges and an ionization vacuum gauge. It is a fully automated instrument that controlled by a single chip microcomputer. This compound vacuum gauge is widely used in industrial production departments such as electronic industry, metallurgy industry and chemical industry for automatic

control of vacuum measurement and production process.

Features

- Measuring range: $10^3\text{Pa}\sim 10^5\text{Pa}$
- Press the general power switch and the equipment runs automatically without preheating and regulation.
- It can connect with computer by RS232 double-way communication interface.
- Having four sets of high pressure controlled normally open relay contacts, the threshold valve is set by the user and the working state is displayed by LED.
- With a perfect protection circuit, the ionization gauge is not afraid of being exposed to the atmosphere.
- The ionization gauge is controlled by the thermocouple vacuum gauge to avoid double-valued reading.
- One display window for a thermocouple vacuum gauge and the other for both a thermocouple vacuum gauge and an ionization gauge, two different gauge valves switch automatically and digital display respectively.

Specification

| | | The Dual Thermocouple Programmable Compound Vacuum Gauge | |
|----------------------|-----------|---|---|
| | | Thermocouple Vacuum Gauges | Ionization Vacuum Gauge |
| Gauge | | ZJ-54D metal gauge | ZJ-27B glass gauge |
| Diameter Of Outlet | | Φ15.5±0.5mm | Φ15.5±0.5mm |
| Measuring Range | | 10 ³ Pa~0.1Pa | 10Pa~10 ⁻⁵ Pa |
| Flange Specification | | | DN35K |
| Starting Method | Manual | | Operated by the front switch "pass" / "break" button |
| | Automatic | | The ionization meter works automatically when the thermocouple indicates that the pressure is lower than 7Pa, and the ionization gauge automatically extinguishes when the ionization gauge indicates that the pressure is higher than 10Pa |
| Relay | | 2 groups | 2 groups |
| Relay Output | | 220VAC,1A | |
| Threshold | | (Set by the user, the threshold backlash is 30% of the set value) | |
| Rs2332 Com Port | | Output the readings of 3 vacuum gauges, users can "open" / "off" ionization vacuum gauge by Com port. | |
| Power | | 25W | |
| Weight | | 6kg | |
| Dimensions(W*H*D) | | 480×119×340mm | |
| Wire Length Of Gauge | | Standard length: 7m (Wire length of thermocouple ≤50m, Wire length of ionization gauge ≤15m) | |