

ZDF-5227, ZDF-5210, ZDF-5201

Технические характеристики

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Digital Vacuum Gauge

Description: ZDF-5227 consists of one roads resistor and one roads ionization ; ZDF-5227B ZDF-5227BY consists of two roads resistor and one roads ionization.

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This series of composite vacuum gauge using the ARM system to measure the data nonlinear processing and error correction, So they have higher accuracy and repeatability, fast response, stable and reliable measurement, anti-interference ability and so on, and they are one of the ideal instruments for wide range vacuum measurement.

Product in Luxury spray chassis, Omron touch switch, green or red highlighted LED display, chassis structure is reasonable, anti-vibration ability, nice appearance.

Using digital filtering and optical isolation technology, with high measurement accuracy and anti-jamming capability.

Six sets of control signal output, and a light indicator.

A separate control system that can simultaneously measure, control and display multiplexed signals.

Using the ARM system for nonlinear compensation and error correction, and the measured pressure for full digital display, automatic shift, with a variety of control functions output.

The front panel resistor measurement section is equipped with "zero point+", "zero point-" and "full scale" key-type calibration, to ensure that the instrument in the low vacuum measurement accuracy and easy adjustment.

Types	ZDF-5227 _{v01}	ZDF-5210 _{v01}	ZDF-5201 _{v01}
Parameters	ZDF-5227B _{v01}	ZDF-5210B _{v01}	ZDF-5201B _{v01}
Measuring Range (unit : Pa)	$1\times10^5\text{-}1\times10^{-5}$	$1\times10^5\text{-}1\times10^{-4}$	$1\times10^5\text{-}1\times10^{-8}$
Matching Gauge	ZJ-52T ZJ-27	ZJ-52T ZJ-10	ZJ-52T ZJ-12
Electrical Parameters	anode voltage : 225V Cathode voltage : 25V Emission current: 1mA/100μA	anode voltage : 165V Cathode voltage : 50V Emission current: 0.5mA /50μA	anode voltage : 200V Cathode voltage :50V Emission current: 4mA/400μA
The Number of Measurements	Two roads or Three roads (Vacuum gauge with BY letter)		
Display Window	Two or Three (Vacuum gauge with BY letter) display windows		
Display Method	LED Digital Display : Scientific notation (1.0E 5 Pa stands for 1×10^5 Pa)		
Control Point Output Mode	Six roads point control or regional control output through the six-terminal		
Control Range	Full measure range control		
Communication, Analog Output Mode	0-5、4-20mA、RS232、RS485 output through the six-terminal, formula and protocol are optional		
Zero Wander	$\pm5\%$		
Input Power	AC/50HZ 220V $\pm10\%$		
Rated Power Consumption	50W		
Instrument Net Weight	3.5Kg		

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