DATASHEET

SPMK213G-D Pressure regulator calibrator

BCLog-Control

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SPMK213G-D
Pressure Regulator Calibrator with Electronic Pressure Generator



Product Description

The pressure source of the SPMK213G-D electric pressure reducer calibrator uses digital control technology to generate high-stability pressure quickly. The required pressure is controlled by the precision valve on the console to meet the requirements of field and laboratory calibration works, which also can test gas pressure reducers, ordinary pressure gauges, pressure transmitters, and pressure switches.

Note: SPMK213G reducer calibrator can also work with Nitrogen cylinder as pressure source instead of SPMK211D electronic pressure generator.

SPMK213G pressure regulator calibrator and SPMK211D pressure generator can be ordered separately.

Product Characteristics

- Automatically output pneumatic pressure continuously;
- Pressure reducer can be calibrated as a whole set without disassemble the pressure gauge;
- It can check and detect the tightness of the gas pressure reducer;
- It can detect the low pressure and high pressure of the gas pressure reducer to determine whether the high and low pressure chambers are connected;
- The safety valve of the gas pressure reducer can be tested;
- The high and low pressure control systems are independent of each other to avoid damage to the low pressure gauge caused by improper operation;
- It is suitable for the calibration of pressure instruments within (0-25) MPa.

Technical Indicators

Project	Parameters
Range	High pressure (0~25)MPa; Low pressure (0~6)MPa
Fine adjustment	10kPa
Medium	Air
Pressure connection	M20 x 1.5 standard female thread or optional
Usage environment	Operating Temperature:(20±5)℃; Relative Humidity:≤85%
Dimensions	SPMK213G: (740×420×570) mm (includes handle and intake joint and protective cover)
Weight	38.20 kg

Accessories(included)

Serial number	Description	QTY	Picture
1	Main product	**1 pc**	
2	Seals	**20 pcs**	
3	Oxygen low-pressure connection hose	**1 pc**	
4	Acetylene low pressure connection hose	**1 pc**	
5	SPMK2000-4 high pressure connecting hoses	**2 pcs**	
6	Oxygen adapter	**1 pc**	
7	Acetylene adapter	**1 pc**	
8	Propane adapter	**1 pc**	
9	Transition adapters	**2 pcs**	
10	User's manual	**1 pc**	
11	Test report	**1 pc**	