

GA-2009 Air Generator



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I.Overview

GA-2009 type air generator is used as a low noise compressor air source; the apparatus is provided with a two stage stabilized and automatic temperature control system, purification system by the filter. The activated carbon chamber and silica gel chamber composed of three levels of purification, can effectively remove impurities and water molecules in the air. Can be used for chromatography, flame photometer of various models at home and abroad, can replace the cylinder to make your work more convenient.

II.The Main Technical Parameters

1, working conditions: power supply voltage: 220V 50Hz

Ambient temperature: 15-40C degrees relative humidity is less than 70%

Without a lot of dust and corrosive gas pollution.

2, air purity: three grade purification without oil

3, the output flow rate: GA-2009 type 0-2L/min

4, the output pressure: A output 0-0.4Mpa The output of B 0-0.5Mpa

5, noise: less than 42 DB

6, rated power: 150W GA-2009; 170W PGA-5L

7, size: 465 x 235 x 360mm (L * W * H);

8, weight: about GA-2009 22Kg;

III.Instrument Characteristics

1, can replace the traditional high pressure air bottle, the laboratory instrument.

2, simple operation, only the power switch to start gas production, can be used continuously, also can be used intermittently.

3, the gas path system for three stage purification,

4, with two level voltage, the voltage stabilizing precision.

5, with overvoltage protection and drainage switch, safe and convenient to use.

6, a normal start, can prolong the service life.

IV.The Use of Methods and Online

1, the instrument is removed from the box, check the appearance and inside there is no

abnormal because of serious injury caused by transportation, then check the instructions, accessories are complete.

2, with parts of the "filter" for the air after the end of the input panel, the power line and the socket plug firmly, to ensure the safety of.

3, connect the power, turn on the power switch, the indicator light, pressure gauge gradually increased to 0.4Mpa after a few minutes, the compressor stops working, (the water outlet exhaust for about 2 seconds) indicator light is extinguished. The sealing nut to loosen the air output on the A panel will make the exhaust, later, the compressor start automatically, to stop.

4, more than normal, with outer diameter of 3 air output pipe connected to the A port, the other end is connected with the chromatograph and ensure no leakage. The output port B is connected with the nitrogen generator input port, (if the B output port. No, please seal the holes for the pressure cap) again work, only need to open the power switch.

V.Matters Needing Attention

1, work process such as indicator lights, and the pressure will not rise to the set value, is generally caused by two phenomena: one is the compressor built-in thermal protector is broken; two is the compressor temperature is too high, is a large number of gas leakage caused by the application of a soap liquid, comprehensive detection. Especially to replace the silica gel, more should pay special attention on the thread sealing ring do not squeeze foreign bodies, and ensure that no leakage, after cooling can be restored to normal.

2, to avoid excessive memory of water, the effect of air purity, according to the number of seconds the drainage switch can be discharged before the shutdown time (drain button on the panel); pay attention to drainage direction, to avoid electrical power.

3, from the observation window observation of discoloration of silica gel, silica gel can be changed according to the needs. Turn off the power to be replaced, pressure indicator is zero, the drying chamber in a clockwise rotation, removed from the instrument, then counterclockwise unscrew the lid, replacement, after in the reverse direction Xuanjin, ensure that no leakage.

4, in order to ensure the purity of gas, the instrument for about 1000 hours, need to replace a activated carbon (activated carbon 20-40). Replace, cut off the power switch,

the pressure indicator is zero, first open the side, then put an activated carbon from oil purification chamber counter clockwise rotation, the replacement of activated carbon, and then in the reverse direction Xuanjin, to ensure that the seal does not leak.

VI.Special Tips

1, air system, work is often light, belongs to heavy traffic or leakage phenomenon, should be timely leak, otherwise it will damage the instrument can not work!

2, the instrument shall be prohibited boot load!

VII.Spare Parts

1, the sealing pressure cap M8X1 2

2, the rubber sealing ring with 6X1.9 6

With 40X4 2

With 16X4 2

3, the insurance tube 15A 2

4, power line 1

5, filter 1

6, specification 1

7, certificate 1

VIII.Quality Assurance

1, the production of products since the date of sale whole year warranty, the warranty period for free repair, life-long repair service enjoy.

2, can undertake domestic and foreign manufacturers of gas chromatography, gas equipment repair and replacement and other business.

3, to undertake laboratory gas pipeline engineering design and construction business.

4, if the operator in the process, encounter quality problems or technical advice.