

Etelux Glove box regeneration methods

one) Regeneration gas: a combination of hydrogen and inert gas (hydrogen accounts for 5%-ten%)

two) Quantity: 40L fuel cylinder 10Mpa

3) Regenerative fuel pressure: .05Mpa (the gas usage per half hour in the point out of .05Mpa is that the cylinder force drops by one.5Mpa. If it exceeds 1.5Mpa, the stress of the pressure regulator's schedule will be lowered, if it is significantly less than one.5Mpa Boost the stress of the pressure regulator schedule)

4) Approach: 3 hours heating-3 hrs heating and air flow-three hrs vacuuming-one hour pumping-ten hours cooling

5) Methods:

Link the regeneration gasoline (examine the pipeline for leaks right after connection: following connecting, open up the main valve of the stress minimizing valve to the greatest, open up the auxiliary meter to .1Mpa, flip off the principal valve, hold out 15 minutes, if the force of the auxiliary meter remains at .one Mpa stays unchanged, indicating no air leakage)

Set the strain of the auxiliary gauge of the force reducing valve to .1Mpa (the pressure for the duration of air flow is about .06-.08MPa)

Close the cycle and analyzer

Turn on the vacuum pump

Start regeneration

The new software finishes at 20h (clear just before cleansing, drinking water and oxygen index

6) Note: Do not cut off the power and gas during the regeneration process (especially the first 6 hours)! Some pressure reducing valves are not allowed, and the pressure needs to be adjusted appropriately to ensure continuous ventilation for 3 hours!

Perovskite solar cell Glove Box,) Observation: whether the regeneration gas flowmeter shows about 20L / min, otherwise adjust the pressure of the pressure reducing valve.