

RT-2E Small Pressure Tank Operating Instructions

▲ Regular inspection

Gradually increase pressure of air regulator and check that safety valve activates(air leaks)between 0.25MPa and 0.3MPa.If something goes wrong with safety valve,contact the shop which sold it to you. Check if lid packing is deformed,damaged or dirty.If it is deformed or damaged,replace it with new one. Fully clean thread section of container set so that paint or dust will not build up on.

▲ Weekly inspection

Step 1:Turn check valve set counterclockwise and remove it from lid set.
Step 2:Check the packing whether it is elastic.
Step 3:Take off the packing,clean the contacting area between valve seat and plate.

▲ Semi-annual inspection

Overhaul and replace consumable parts with new ones.Refer to for consumable parts. Check if container set is deformed or damaged.Never use deformed or damaged parts and immediately replace those parts with new ones. Check during daily operation if liquid or air leaks.If liquid or air leaks.Inspect all above items and firmly tighten lid if nothing goes wrong.

▲ Remove fluid joint

When removing the air regulator,heat it with alcohol burner and revolve it out,since the connector joint with bond.

5.Problems and Solution

Problems	Causes	Solution
Paint does not come out	① Paint clogs ② Container is not pressurized ③ Paint viscosity is too high ④ Valve is stuck with paint	① Clean paint passages ② Use air regulator to increase air pressure ③ Dilute paint ④ Clean the valve
Air leaks	① Release valve is opened ② Safety valve operates ③ Lid packing is damaged ④ Connection is loose ⑤ Air regulator can not work	① Close it ② Reduce pressure at air regulator to less than 0.3MPa ③ Replace it ④ Tighten leaky section ⑤ Replace air regulator set
Paint leaks	① Container set is damaged ② Connection is loose ③ Too much paint in container ④ Valves are out of work ⑤ Lid packing is damaged	① Replace container set ② Tighten leaky section ③ Reduce its volume to 80% of full capacity ④ Disassemble and replace parts if necessary ⑤ Replace lid packing

6.Parts list

