南京润泽流体控制设备有限公司
Nanjing Runze Fluid Control Equipment Co.,LTD
No.9 Tianxing West Road, Jiangning District, Nanjing, Jiangsu, China

Maintenance Instructions

----Syringes with thread connection

Valve or Fitting
(Hard material e.g. PEEK, PCTFE, PPS or others)

Sealing Washer
(Soft material e.g. PTFE)

Syringe Insert

PTFE Plunger

In order to obtain maximum life cycles for your gastight syringes, wet the PTFE plunger tip before use some gastight syringes:

1.Remove the plunger from the barrel

2.Dip the plunger tip into deionized or distilled water, and re-insert the plunger into the glass barrel

3.Work the plunger up and down 5-6 times, re-wetting the tip if necessary

- Silicone or other lubricants that are compatible with your sample may also be used to wet the plunger tips

- To reduce resistance, the assembled syringe can be heated in an oven at 60°C for 15 minutes.

RUNNING A PLUNGER DRY MAY CAUSE THE PTFE TO SHRED OR PULL LOOSE FROM THE PLUNGER ROD, RESULTING IN LEAKS.

Cleaning Instructions

-Use deionized water, alcoholic liquids (e.g., ethanol), or other organic solvents to clean the syringe.

-Avoid using detergents, phosphates, and alkaline solvents.

-After cleaning the syringe needs to be rinsed thoroughly with distilled or deionized water and dried thoroughly.

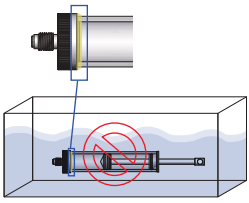
-Dry the glass body by airflow, for example, using a vacuum or compressed air to dry the barrel.

-During use, corresponding deposits are generated at the end of the entire syringe stroke, and when the piston is removed from the syringe barrel, these precipitants could damage the plunger tip seal when the plunger is removed from the syringe barrel. For cleaning purpose, we recommend using solvents that are efficient at solvating residues that might be in the barrel

DO NOT IMMERSE THE SYRINGE IN THE SOLVENT THE GULED PARTS (NOTE 1) CAN BE SOLVED

Attention: If you change the syringe, you should also change the washer for a good seal. Washers are available from Runze.

(NOTE 1) The guled parts



KNOWN TO BE POORLY TOLERATED BY LIQUIDS SUCH AS: CONCENTRATED NITRIC ACID, AQUA REGIA (INCLUDING BUT NOT LIMITED TO)

PROHIBITED USED LIQUIDS: HYDROFLUORIC ACID (INCLUDING BUT NOT LIMITED TO)