Pressure-Feeding System with Flask

Applicable for
VARD2Go, VARJ30, VARV1, J1,W1

The pressure feeding system consists of:
1. Pressure reducing station.
2. Flask 100ml 250ml , 500ml or 1000ml with three nozzles on the head: one for vent, one for transfer with a tip tube and one for filling.
3. Stainless steel safety basket for protection if flask bursts.

**1. Pressure reducing station** see flyer *Pressure Reducing Station with Manometer*. Nisco's specifications:

0.05-1.5 barg	A-01060	Stainless steel addition tanks / glass flask addition systems

2. Flask
Working pressure range: -1 to 1-5barg
Max. working pressure: 140°C
Material: Duran borosilic. glass 3.3

Certificate for pressure resistance:
Acc. DIN ISO 1595, confirmed with GS-Sign (TUEV ID: 0000020716)

Standard flask connections
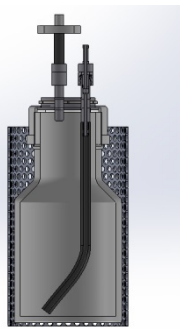
Vent nozzle: Vent nozzle with sterile filter for air pressure and vent.
Transfer nozzle: Hose material: silicone
Blind nozzle: Hose material: silicone for refilling during the process.

Safety basket
When working with pressure a safety basket made of stainless steel 1.4301 is of advantage. If the glass has a crevice or if the pressure is too high (it can for example happen if it is connected to the wrong pressure or if the pressure reducing station is defective), the glass can burst. In order to protect the operator and the other staff in the lab always put the flask into the basket when working under pressure.

3. Flask with cover for large flowrate
Cover with hose connector ID 3mm which allows to feed nozzles with diameter >1mm or the multi nozzle heads.

- ✓ 1000ml Flask, ID 3mm hose connector
- ✓ Connection Feed Tip Tube with hose connector.
- ✓ Optional - Luer-Lock adapter connectors, 2mm for hose
- ✓ Connection air hose connector

The adapters for small hoses and blinds are also available for the cover.

Flask with cover for large flowrate