

# Pressure-Feeding System with Flask



Applicable for: VARDBasic2Go, VARJ30, VARV1, VARJ1 and VARGravity2Go-1

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The pressure feeding system with manual controllers consists of:

1. Pressure reducing station.
2. Flask 100, 250, 500 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

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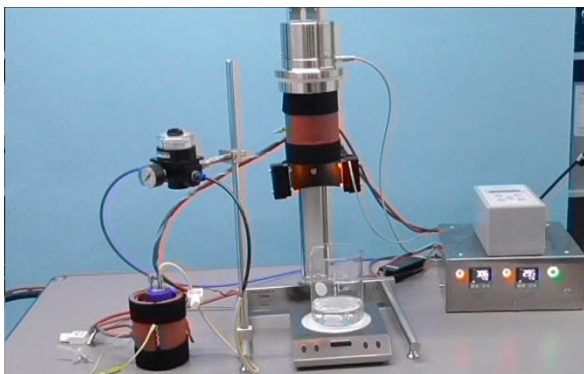


Fig 1: VARBasic2Go Unit with thermal option.

**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
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## 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)

**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.



Standard flask with connections and safety basket



Flask with cover for large flowrate