

# Pressure-Feeding System with Flask



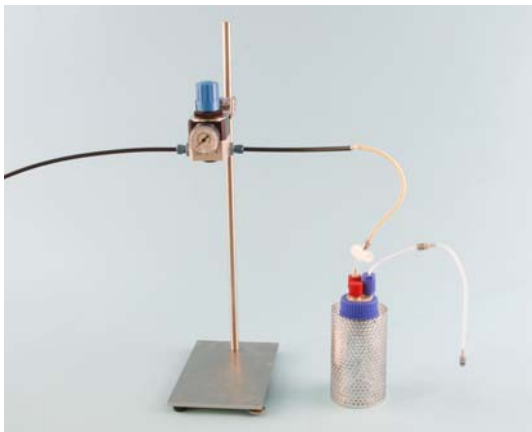
Applicable for VAR B, D (classic, continuous, Gen. II, Professional), J1, J30, W1, V1 (multi nozzle head)

**Nisco Engineering AG**  
 Dufourstrasse 110  
 CH-8008 Zurich, Switzerland

Tel: +41 44 380 06 30  
 Fax: +41 44 380 06 31  
 e-mail: mailbox@nisco.ch  
 http://www.nisco.ch

The pressure feeding system consists of:

1. Pressure reducing station
2. Flask 250ml 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:

0.05-0.7 barg	A-00760	Stainless steel addition tanks / glass flask addition systems
---------------	---------	---

**2. Flask**

Working pressure range	-1 tp 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)

**Accessories for flask:**

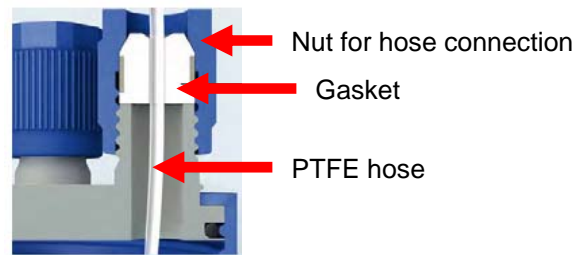


Cover: PEEK with EPDM Gasket an three nozzles GL14

**Vent nozzle:** Vent nozzle with sterile filter for air pressure and vent.

**Transfer nozzle:** Hose material: PTFE for connection through bottle head, long as a tip tube, adapter for smooth hose (silicone or pharmamed)

**Blind nozzle:** Hose material: PTFE for connection through bottle head, short into the bottle head, adapter for smooth hose (silicone or pharmamed). Has additional one blind red cap.



**Transfer / filling nozzle**

**3. 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.

