

APOLLO[®] lines

Your ideal storage and transport vessel for liquid nitrogen.



exemplary illustration

Applications APOLLO[®]

compatible with/for

- ▶ Analysers
- ▶ Cryogenic mills
- ▶ Cryogenic saunas
- ▶ Freezers
- ▶ Biobanks
- ▶ BIOSAFE[®]
- ▶ ...



All Advantages at a Glance



- ▶ **Best in it's class!** Evaporation rate for e.g. APOLLO[®] 200: Only 0,6% per day!
- ▶ **A ball valve** for comfortable view: „Open or close“
- ▶ **Ideal operating height** and user-friendly fittings (ball valves)
- ▶ **Safety measures at eye level**
- ▶ **High stability** for secure and smooth transport
- ▶ **Robust protective frame** for safe transport
- ▶ **Cost savings** increased uptime for your application
- ▶ **Longer service life** with the following advantages: Savings in transport and handling costs
- ▶ **High quality design** made of corrosion-resistant stainless steel
- ▶ **Low maintenance**
- ▶ **Large, stable and smooth-running wheels** (Ø 125-160 mm) non-marking
- ▶ **Long-term vacuum protection** through high-quality adsorption and getter materials
- ▶ **Great mobility** through compact design

55 Excellence
YEARS in Engineering
1964 - 2019

Technical Data



Vessel made Stainless steel		APOLLO® 50 1,3 bar	APOLLO® 100 1,3 bar	APOLLO® 150 1,3 bar	APOLLO® 200 2,0 bar	APOLLO® 350 2,0 bar
Approval mark		CE	CE	CE	CE0035	CE0035
Geometrical capacity	[l]	49,4	98,8	149,15	199,5	348,7
Operating overpressure max.	[bar]	1,3	1,3	1,3	2,0	2,0
Weight, empty	[kg]	44	62	79	100	160
Weight, full LIN	[kg]	85	145	204	266	450
Stat. evaporation rate LIN	[%/day]	2	1,2	1	0,6	0,5
Total height incl. digital level ind.	[mm]	905	1,240	1,580	1,350	1,785
Total height until siphon	[mm]	765	1,100	1,440	1,170	1,650
Diameter, outer	[mm]	500	500	500	700	700
Total width	[mm]	650	650	650	800	800
Depth of immersion	[mm]	585	920	1,220	910	1,350
Castor diameter	[mm]	125	125	125	160	160
Neck diameter	[mm]	50	50	50	50	50
Siphon connection		KF 50	KF 50	KF 50	KF 50	KF 50

Upon request the APOLLO® series is also available for other types of gas.

Item Numbers



APOLLO® liquid nitrogen vessel	50 ¹⁾	100 ²⁾	150 ²⁾	200 ²⁾	350 ²⁾
with analog ¹⁾ / digital ²⁾ display	78202700	78223344	78223345	78223346	78223347
ASME Stamp with analog display 1,5 bar	78221094	78220960	78221095	78221811	78221812
Options for APOLLO® line					
Forklift pockets	78203083	78203083	78203083	78203975	78203900
Set of castors, antimagnetic	78200474	78200474	78200474	78203992	78203992

¹⁾ Standard APOLLO® 50 with analog display. **Option:** APOLLO® 50 with digital display on request.

²⁾ Standard APOLLO® 100-350 with digital display. Further vessel dimensions and custom vessels available upon request.

Safety spacer



For a fixed connection of an APOLLO® urgently required!
Item No.: 78206124

Gloves



Item No.: 70794111

Safety glasses with side protection



Item No.: 77031520

Included Accessories



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