

Heliocentris Connection Kits

Possibility
of customized
versions

ACADEMIA OFFERING



Art. Nr. 631

H2 Connection Set

The H2 Connection Set connects compressed hydrogen cylinder to:

- » Fuel cells
- » Metal hydride canisters
- » Hydrogen storage modules by Heliocentris



Art. Nr. 736

Art. Nr. 1502



Heliocentris offers accordingly different connection sets.
These connection sets ensure:

- ✓ Correct connection components
- ✓ Permissible hydrogen pressure
- ✓ Safe hydrogen handling

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Heliocentris 

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Environmental Conditions

Definition	Value
Operation environment	
Location	Inside a laboratory, dry
Temperature	5...35°C
Relative humidity	0...95% Above dew point
Storage Conditions	
Storage temperature	3...35°C
Storage location	Free of dust Effective ventilation Free of reactive chemicals

System

H2 Connection Set K00-0631 und K00-0736

Property	Value
Media	Hydrogen
Pressure range	0...15 bar
Operating temperature	3...40°C (37...104°F)
Weight	600 g
Pressure relief valve, max. pressure	26 bar
Tubing length: transition piece for metal hydride canister	60 cm
Tubing material	PFA
Quick coupling material	Stainless steel
Quick coupling connection	Parker quick coupling Q4

H2 Connection Set K00-1502

Property	Specification
Media	Hydrogen
Pressure range	0...15 bar
Operating temperature	3...40°C (37...104°F)
Weight	600 g
Pressure relief valve, max. pressure	16 bar
Tubing length: transition piece for Nexa® 1200 fuel cell	100 cm
Tubing length: transition piece for metal hydride canister	60 cm
Tubing material	PFA
Quick coupling material	Stainless steel
Quick coupling connection	Parker quick coupling Q4