

# Connection solutions for fuel cells

**Filling vehicles - Peripheral connections - Cooling**



# A comprehensive range, to meet your future challenges

Combined with fuel cells, hydrogen represents a real means of clean energy, capable of meeting the energy challenges of today and tomorrow.

In response to the many challenges of this fuel, and making full use of its CNG expertise, Stäubli can meet all your connection requirements in this field: refuelling vehicles with hydrogen, inter-module peripheral connections, testing and laboratory equipment.



### Filling vehicles

- Automatic locking filler coupling
- Locking system with large contact surface preventing any damage to the receptacle
- Safety locking: audible click when connected
- Working pressure up to 700 bar
- Connection to the receptacles with profile conforming to standards ISO 17268 and SAE J2600



### Inter-module peripheral connections

- Fuel cell cooling
- Low pressure transfer for hydrogen, methanol...
- Low pressure circuits for fuel cells (storage - fuel cell line)
- Connection of pipe for venting



### Testing and laboratory equipment

- Wide range of couplings combining:
  - A variety of materials (stainless steel, brass, aluminium)
  - Locking technologies (bayonet, button, ball...)
  - Emission-free flat-surface technology
- Suitable for all your requirements