

#### H2-Z002R01

### ServiceCart H2

The ServiceCart H2 supports workshop employees in all work related to hydrogen systems in vehicles. The device can perform service functions fully automatically.

- Depressurisation of the hydrogen system (low-pressure system max. 60 bar)
- Inertisation of the system with nitrogen
- Residual gas measurement to confirm that the system is hydrogen-free
- Purging with forming gas for subsequent leak tests
- Leak tests to detect leaks after service

The device can be used for hydrogen systems up to a pressure of max. 60 bar. Line systems with higher pressure must be separated by means of shut-off devices in the vehicle.



The actual product may differ slightly from the image.

# Standard version

Paint: blue-anthracite

## **Special features**

• Gas type: H2

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## **Advantages & functions**

### **Electrical data:**

- Electrical conneting cable: >= 1,5 mm" (AWG 15)
- Cable with plug 16 A

#### **Pressure sensors:**

- Measuring range: 0 60 bar
- Measuring range H2 sensor: 0 100 vol-% in nitrogen

### **Connection to the vehicle:**

- 2x 5 m long wire braided hose DN8, connecting couplings to the vehicle, can be individually specified
- 1x 20 m long hose for connecting to a suitable exhaust air device or for venting the gas outside the workshop

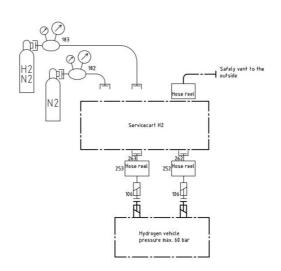
## Gas supply:

- 1x for nitrogen
- 1x for forming gas (5% H2 in 95% N2)
- Gases and gas cylinders are not included

## **Technical data**

Dimensions (W x H x D)	735 x 1.440 x 880 mm
Weight	257 kg (empty)
Sound level	< 70 dB
Ambient temperature	0 to +40 °C
Storage temperature	-20 to +60 °C
Ambient moisture	< 90 % r. h. non-condensing
Protection class	IP 44
Height	mm max. 2000 m above sea level
Operating voltage	230 V AC
Frequency	50/60 Hz

## **Technical drawing**



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