

HYDROGEN SMART FUELLER (HSF)

WOLFTANK
GROUP

DEVELOPED AND DESIGNED BY EDC-ANLAGENTECHNIK GMBH



STATE-OF-THE-ART HYDROGEN REFUELLING

... ensures safe and reliable refuelling of hydrogen into fuel cell electric vehicles (FCEV) of all kinds (e.g., trucks, busses, cars, trains, planes, forklifts, AGVs, etc.).

... is capable to manage all necessary equipment of a hydrogen refuelling station.



ESTABLISHED

TÜV certified control unit safely operates more than 100 hydrogen refuelling stations worldwide.



EFFICIENT

Refuelling processes are carried out with highly efficient storage and workflow management.



FLEXIBLE

350 bar, 700 bar and double dispensing versions available.

- Control unit safely operates more than 100 hydrogen refuelling stations worldwide
- The complete system is monitored and can be operated in optimal working processes
- 350 bar, 700 bar and double dispensing versions available

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**REFUELLING PROCESS CAN
BE ADAPTED TO CUSTOMER
REQUIREMENTS**

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TECHNICAL DATA

Power supply:

- 230 VAC, 50 Hz, 10 A

Pneumatic supply:

- Dry air, max. pressure of 10 bar (approx. 15 NI per refuelling process)

Ambient temperature:

- -20°C to +40°C

Hydrogen quality:

- Must comply with SAE J2719, ISO 14687 or DIN EN 17124 standards

Refuelling pressure:

- 350 bar or 700 bar

Refuelling equipment:

- WEH TK17 35MPa or 70MPa with IR (others on request)

Refuelling protocols:

- All state-of-the-art protocols are implemented (SAE J2601, JPEC, etc.)
- Customized protocols can be implemented on request

Pressure protection:

- 425 bar or 825 bar (depends on refuelling pressure)



COMPLIES WITH

- Machinery Directive 2006/42/EC
- Low voltage (LVD) Directive 2014/35/EU
- EMC Directive 2014/30/EU
- ATEX Directive 2014/34/EU
- Pressure Equipment Directive (PED) 2014/68/EU