

Kraus Hydrogen Dispenser

Hydrogen is emerging as a fuel of the future. Kraus Global hydrogen dispensers are an attractive, high quality solution to your unique hydrogen dispensing needs. These dispensers feature the latest innovations in safety and operation, and have been designed to provide the familiar look and functionality of standard gasoline dispensers to ensure a positive customer experience. Kraus offers a variety of dispenser configurations and options, including single or dual hoses, cabinet styles, various metering options, and internal sequencing, to ensure your every need is met. Kraus dispensers are designed for a full range of applications including high speed bus refueling, public filling stations, and fleet refueling operations.



FEATURES

- Single/dual hose configurations
- Single line, two line, or three line systems
- Fleet and Retailseries cabinets
- Kraus MICON™ 500H electronic computer register, specifically designed for hydrogen fueling applications
- High pressure solenoid valves or ball valves for control
- Field programming via hand-held infrared Info Pac unit
- Coriolis based mass flow meters
- Electronically controlled internal sequencing
- Kraus HFS pressure and temperature compensated refueling
- Safety breakaway included on each hose
- Ability to interface with most POS and card reader systems
- International currency options available
- Captive vent recovery system

OPTIONS

CABINET STYLES	Fleet and Retail
NUMBER OF HOSES	One or two
INLET LINES	Single line inlet for buffer fill or remote Two line inlet for 2-bank sequencing or buffer/direct-fill combo Three line inlet for internal sequencing
FLOW RATES	3,500 SCFM 5,000 SCFM
FILL PRESSURE	3,600 psig (230 Bar) 5,000 psig (350 Bar) 10,000 psig (700 Bar)

SPECIFICATIONS

- Fill pressures: 3,600/5,000/10,000 psig at 70°F (250/350/700 barg at 20°C)
- Operating temperature: -40°C to +50°C
- Flow rates up to 5,000 SCFM (8,000 Nm³/Hr)
- Accuracy: +/- 1%
- Electrical supply: 120/240 VAC, 50/60Hz

North America & Worldwide:

- NEC Class I Division I/II Group B hazardous locations
- NFPA 2 compliant as applicable to hydrogen

Europe

- IEC Zone 1 Group IIB hazardous locations