



## TOKHEIM QUANTIUM™ 310 CNG FUEL DISPENSER



A faster, safer fuelling experience, combined with high-quality componentry is at the heart of the Tokheim Quantum™ 310 CNG fuel dispenser. A truly modular dispenser, the Quantum 310 CNG model allows for a variety of nozzle options and alignments for either trucks or light vehicles. Dover Fueling Solutions' Tokheim CNG dispensers are designed to last longer, even in the toughest of conditions.

“Our authorised local service representatives and distributors are geared towards helping you select a solution that will be the right one for your forecourt business.”

### Quantum 310 CNG fuel dispenser at a glance

#### Calculator

Tokheim's LED backlit LCD display provides a crisp display of digital units. This innovative display provides enhanced functionality under any lighting conditions.

#### Hydraulics

Optimised pneumatic CNG architecture with up to 80kg/min flow-rate to ensure a fast and reliable service for your customers.

#### Hose management

Our Quantum 310 CNG dispenser is an 'H-type' design with a simple, but effective hanging hose system for ease of use.

#### Components

The specially selected Tokheim CNG components work very effectively, in the toughest conditions, with a lower service intervention rate than other CNG dispensers in the marketplace.

#### Lifting slots

Tokheim Quantum dispensers are equipped with lifting slots as standard. This solution provides the industry's highest level of safety and security during dispenser's onsite installation and removal.



# Quantum 310 CNG fuel dispenser features

This robust dispenser is only delivered to your site after rigorous testing at Tokheim's world-renowned Quality Manufacturing Centre.

The Quantum 310 CNG dispenser is supplied with powder painted aluminium panels for long lasting protection against the outdoor environment.

## Features and Benefits

Select from island oriented (dispenser for use from both lanes) 1 or 2 hoses, to allow for easier fuelling and more effective throughput.

The dispenser's performance is optimised through a range of exceptional components: A high-end quality mass flow-meter, a wide range of CNG nozzles and Tokheim's renowned calculator platform.

After sales support from Tokheim authorised service representatives and distributors.

## Optional Features

Specialist CNG PCS (Pressure Compensation System) technology to optimise the tank pressure and help maximise the storage capacity.

DiaLOG fleet management system for commercial fleet sector.

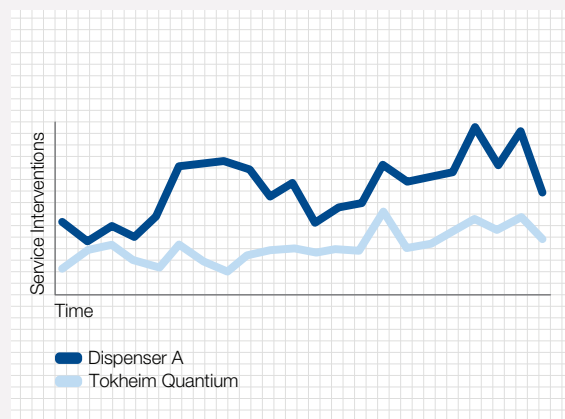
## Safety and Regulations

The Quantum 310 CNG dispenser is designed to fully comply with Safety, environmental and W&M standards.

This dispenser will be delivered with the following certification:

- EC Marking
- ATEX approvals
- NMi (OIML R139)
- LNE for France
- (Other Country specific weights and measures as applicable)

## Quality & Reliability

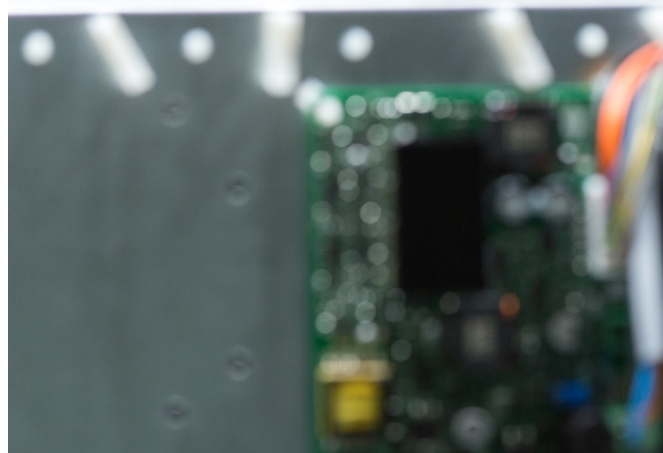


### Less service, less hassle

Tokheim's Quantum dispensers have been independently verified to have less service interventions than other industry installed and supplied pumps. Greater uptime means improved throughput and your customers can rely on your service station for a faster and more pleasant refuelling experience.

### A safer environment

Full compliance with international and local metrology requirements (incl. NMi OIML R139), and further benefits from rigorous testing methodology.





# Quantum 310 CNG fuel dispenser Technical Specifications\*

## Mechanical

- Modular hose system
- Ambient temperature range -20°C to +40°C
- Re-connectable breakaways
- OPW CNG Pistol Grip nozzle
- Emergency stop button

## Pneumatics

- Coriolis mass-flow meter
- 200 to 260 bars inlet pressure
- Solenoid valves
- Standard refill duration  $\leq 3$  min (for a light vehicle)

## Electronics

- Data configuration by console or by remote control
- LED Backlight LCD (amount, volume, pricing)
- Provide complete support for EPOS protocols (including IFSF)
- Battery-protected memory for security in the event of power failure
- Power supply: 3 phase + N, AC 50 Hz, 10 A, 400/230 V, +10% -15%

## Options

- Pressure compensation system
- 1 to 3 inlet lines
- Additional slave screen
- Wide range of nozzles and hose types available
- Fire and tilt sensors
- Heater for colder environments
- Fleet management system (DiaLoG)
- Refilling push buttons
- Dead-man push button\*
- Push to Start – Push to Stop buttons\*

\*According to country specifics.

## Contact

Tokheim Switzerland AG/SA/Ltd.  
Route du Crochet 7  
1762 Givisiez  
T: +41 (0)26 460 51 11  
F: +41 (0)26 460 51 12  
info.ch@tsg-solutions.com  
Web: www.tsg-solutions.ch



## Further information

For any further information and detailed contacts for each country, please visit our website at [www.tokheim.com](http://www.tokheim.com) or email us at [tokheim@doverfs.com](mailto:tokheim@doverfs.com).

\*As Dover Fueling Solutions regularly improves its Tokheim products in line with evolving market and regulatory requirements, it reserves the right to change any of the specifications of these products, and this document without prior notice.

