

# Quantium 310 Fuel Dispenser



The Quantum 310 is a compact and versatile dispenser that excels in any fuel-retailing environment. It offers flexibility in design as either a single, twin or quad fuel dispenser. The spring mast based hose retractor system makes it easy for customers to use with an impressive 4-metre nozzle reach.

“The quality and reliability of the dispenser design is based upon the real-life, real-time data gathered from more than 40,000 service stations we support through our authorised service representatives and distributors.”

## Quantium 310 at a glance

### Calculator

Utilising the TQC platform, Tokheim's LED backlit LCD display provides a crisp display of digital units. This innovative display provides enhanced functionality in any lighting conditions.

### Hydraulics

At the heart of our fuel dispensers is a set of high-quality components that provide long-lasting performance. The minimal drift TQM meter and robust TQP pump ensure your dispensers keep dispensing with accuracy.

### Hose management

The Quantum 310 has a spring mast based hose retractor system that allows fast and convenient filling. Stringent testing ensures it operates day-in-day-out with minimal fuss.

### Bodywork

Our panels are made of treated powder-painted aluminium cladding – providing long lasting life, in the harshest conditions.

### Lifting slots

Quantium 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.



## Our Dispenser Range



### Quantum 110

Entry-level, one or two hoses, single-product system. Allows you to dispense one grade of fuel up to high speeds.



### Quantum 210

Entry-level dispenser, but with more options and flexibility than the Quantum 110. The Quantum 210 can dispense up to two products and it comes in either a one or two hose model.



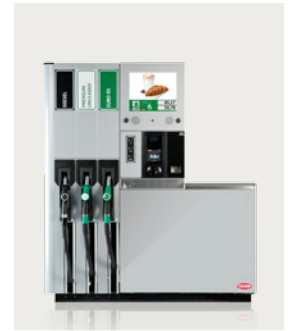
### Quantum 310

Flexibly designed to deliver a single, twin or quad fuel dispenser. The spring mast based hose retractor system makes it easy for customers to use.



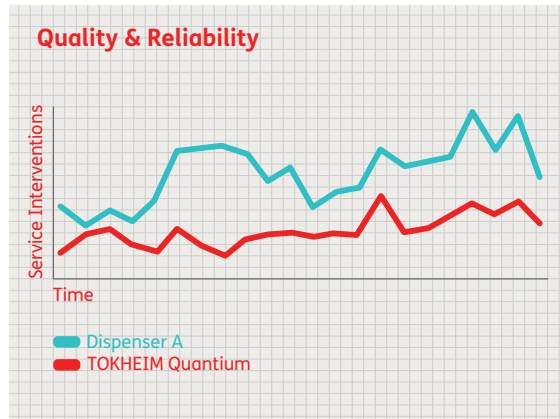
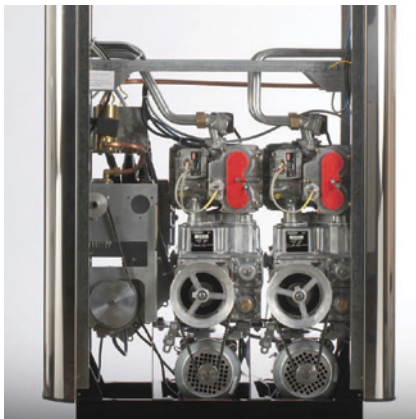
### Quantum 410

Tokheim's global 'H' style, multiproduct dispenser with 'hanging hose' design and a complete range of payment and upgrade options.



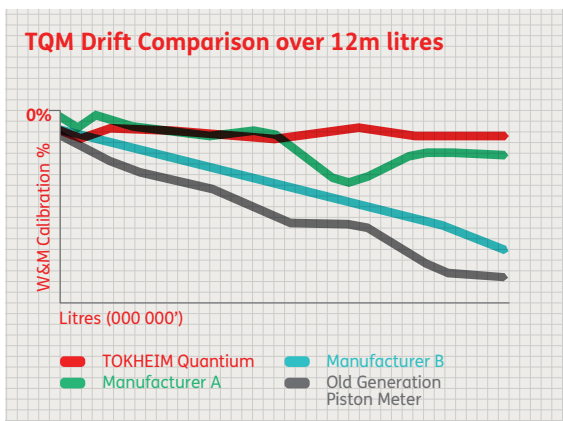
### Quantum 510

Our leading multiproduct dispenser with smart retractable hose management design. Choose from a complete suite of payment and upgrade options.



### 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.



### Maximum accuracy, minimal drift

The TQM meter exhibits minimal drift performance over the lifetime of the dispenser, helping our customers to reduce fuel loss to a minimum. Its robust design ensures it is suitable to work in the harshest conditions with a wide variety of fuel types.



# Quantium 310

## Technical Specifications\*

### Base models

- Standard speed (40 l/min)
- High speed (80 l/min)
- Very high speed (130 l/min)
- Satellite models
- Double-sided and single-sided models
- Combined standard speed-high speed
- Combined standard speed-very high speed

Flow rates depend on model, underground site layout, site altitude, ambient temperature and selected options.

### Optional features

- 7-7-5 LED display
- Emergency stop button
- Electronically Controlled Vapour Recovery (ECVR)
- Tokheim patented Self-Calibrating Vapour Recovery System - ECVR-SCS (including both monitoring and Self-Calibrating System)
- Several vapour recovery ground connections
- Vapour recovery status LED

- Automatic temperature compensation
- Electronic calibration
- Electromechanical totalisers
- Programming switch
- Single-phase motor
- Preset functions via push buttons
- Unit price display per product
- Product indication lights
- OPT lamps
- Speaker (one way sound)
- IR remote control compatible
- Mechanical totalisers on meter
- Anti-magnetic electro-mechanical totalisers (single and double-sided)
- 40/80 l/min speed selection
- External filterpot for TQP-RS pump
- Several hydraulic inlet options
- Submerged
- Wide range of stainless steel flexible connections to ease installation
- Ground frame
- Sightglass
- Satellite connection (single or double sided)

- E85 compliant
- Breakaway couplings
- Low temperature kit
- Various stainless steel cladding solutions
- Customised livery of complete dispenser
- Fire and tilt detection
- Fuel theft prevention

Only core features and options are listed. For more detailed information on available options, please contact your local Tokheim representative.

### Environmental conditions

- Ambient temperature: -25°C to +55°C
- Cold climate: -40°C to +55°C (optional)
- Temperature of fluid: -25°C to +25°C
- Viscosity of fluid: < 10<sup>-4</sup> m<sup>2</sup>/s
- Relative humidity: 5% to 95%
- Altitude: from sea level to 2,000 m

## Tokheim Worldwide



### Contact

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### Further information

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\*As Tokheim regularly improves its 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.