



## Tokheim Quantum™ 410 fuel dispenser



The Quantum™ 410 is Tokheim's global 'H' style, multiproduct dispenser. The 'hanging hose' design is easy to access and use. Better quality and reliability ensures greater uptime – this means your customers can rely on your service station. Not only does the Quantum 410 benefit from Tokheim's renowned Quality, it is packed with the innovative and robust components that add genuine benefit to your business.

“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.”

## Quantum 410 fuel dispenser at a glance

### Calculator

The Tokheim Quality Calculator™ (TQC) effortlessly connects the internal communications with the outside world. Choose from a standard LCD display or upgrade to a high-resolution 17-inch media screen to help deliver a strong return on investment.

### Hydraulics

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



### Hose management

The Quantum 410 fuel dispenser provides an effortless fuelling experience for your customers. A hose retraction solution with up to 4 metres hose reach allows for quick and convenient filling. Stringent testing ensures it operates day-in-day-out with minimal fuss.

### Payment

The Crypto VGA™ DIT (Dispenser Integrated Terminal), Tokheim's outdoor payment solution, is an all-in-one touchscreen and secure pin pad. It helps increase your retailing options, makes your site more secure, helps reduce drive-offs and ultimately helps increase profits.

### Lifting slots

Tokheim Quantum fuel 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.

# Introducing the Tokheim Quantum fuel 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 dispenser. The Quantum 210 dispenser 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.

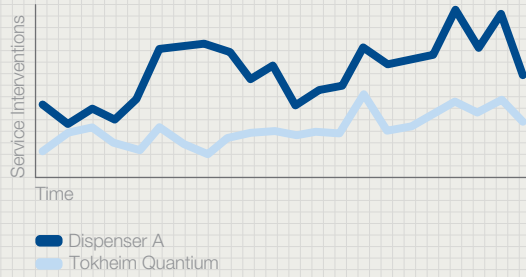


Quantum™ 510

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

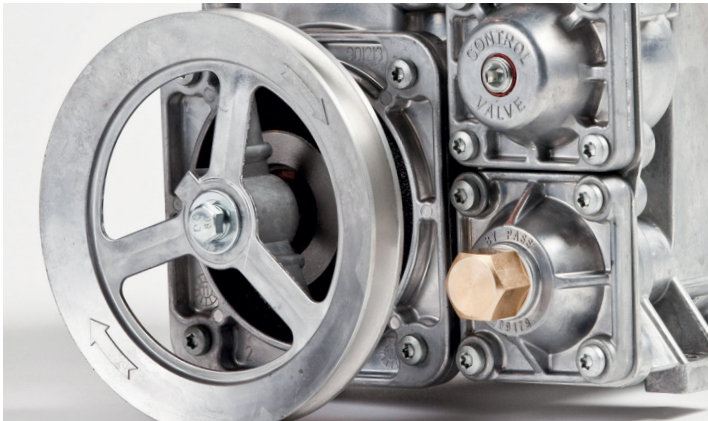


## Quality & Reliability

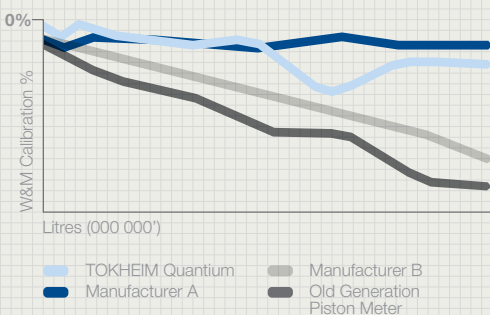


### Less service, less hassle

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.



## TQM Drift Comparison over 12m litres



### 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 410 fuel dispenser

## 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
- Lifting slots solution for a safer installation

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

### Optional features

- 7-7-5 LCD display
- 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
- Automatic temperature compensation
- Electronic calibration
- Emergency stop button
- Mains safety switch

- Programming switch
- Single-phase motor
- Preset functions via push buttons or keypad
- Unit price display per product
- Product indication lights
- Speaker (one way sound)
- IR remote control compatible
- Ethernet Switch Connection
- SD Card for calculator data back-up
- Mechanical totalisers on meter
- Anti-magnetic electro-mechanical totalisers (single and double-sided)
- Wide range of nozzles
- 40/80 l/min speed selection
- External filter pot for TQP-RS pump
- Several hydraulic inlet options
- Additional water filter
- Leak plate
- Wide range of stainless steel flexible connections to ease installation
- Submerged
- Ground frame
- Sightglass
- Satellite connection (single or double sided)
- E85 compliant
- Breakaway couplings

- Low temperature kit
- Payment-integrated solutions for a wide range of markets
- Narrow canopy
- Wafer stainless steel hydraulic top cover
- Various stainless steel cladding solutions
- Customised livery of complete dispenser
- Fire and tilt detection
- Media head with 17" VGA screen
- 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: < 10-4 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

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 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.



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