

# Quantum 510

## Fuel Dispenser



Tokheim's Quantum 510 is the proud result of years of hard work and detailed information analysis by our engineering, service and installation teams around the world. The Q510 has been manufactured to be installed safely, faster, last longer, require less service and dispense more accurately. Not only does the Q510 benefit from the Tokheim Quality, it is packed with the innovative, robust, and reliable 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 directly support with our local organisations.”

## **Quantum 510 at a glance**

### **Payment**

The Crypto VGA, 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.

### **Hose management**

The Q510 comes with a retractable hose management system for a cleaner, faster refuelling experience. A narrow nozzle boot with protection panel prevents damage due to nozzle impact.

### **Calculator**

The 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 TQM meter and robust TQP pump ensure your dispensers keep dispensing with accuracy.



# Our Dispenser Range



**Quantium 110**

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



**Quantium 210**

Entry-level dispenser, but with more options and flexibility than the Q110. The Q210 can dispense up to two products and it comes in either a one or two hose model.



**Quantium 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.



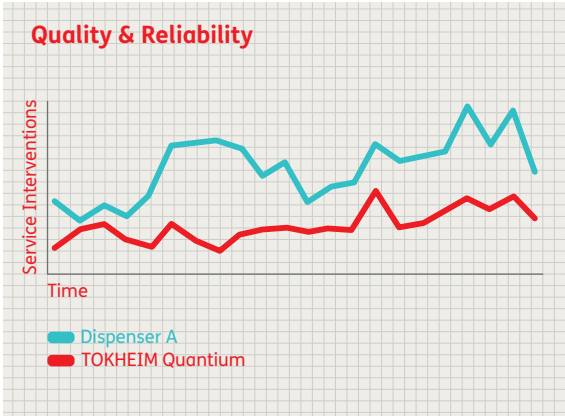
**Quantium 410**

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



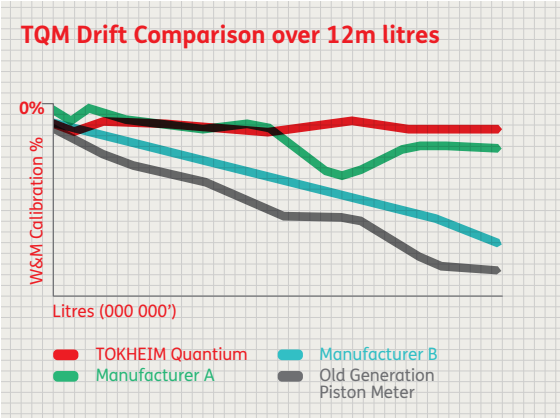
**Quantium 510**

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 510

## 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
- AdBlue configurations
- Lifting slots solution for a safer installation

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

### Optional features

- 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
- Automatic temperature compensation
- Electronic calibration
- Mains safety switch
- 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)
- Wide range of nozzles
- 40/80 l/min speed selection
- External filter pot 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

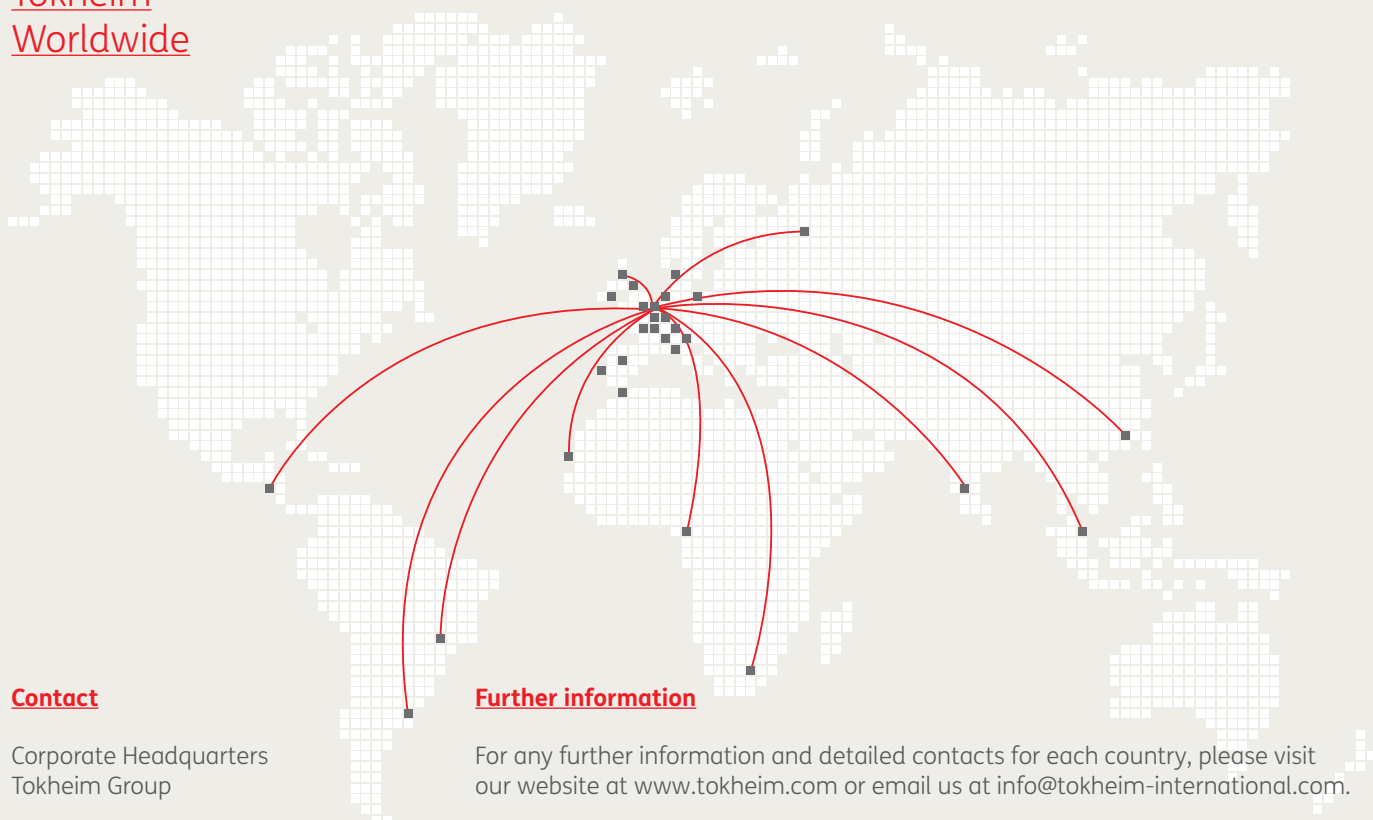
- Payment-integrated solutions for a wide range of markets
- Wafer stainless steel hydraulic top cover
- Various stainless steel cladding solutions
- Customised livery of complete dispenser
- Fire and tilt detection
- Media head with 17" VGA screen
- Fuel theft prevention

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

Corporate Headquarters  
Tokheim Group

Paris Nord 2  
35, Allée des Impressionnistes  
Immeuble Le Cézanne  
93420 Villepinte  
France  
Tel: +33 (0)1 49 90 77 00  
Fax: +33 (0)1 49 90 77 77

### 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 [info@tokheim-international.com](mailto:info@tokheim-international.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.