Quantium 510
Fuel Dispenser

TOKHEIM
QUALITY

Tokheim's Quantium 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 Quantium 510 has been manufactured to be installed safely, faster, last longer, require less service and dispense more accurately. Not only does the Quantium 510 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 support through our authorised service representatives and distributors."
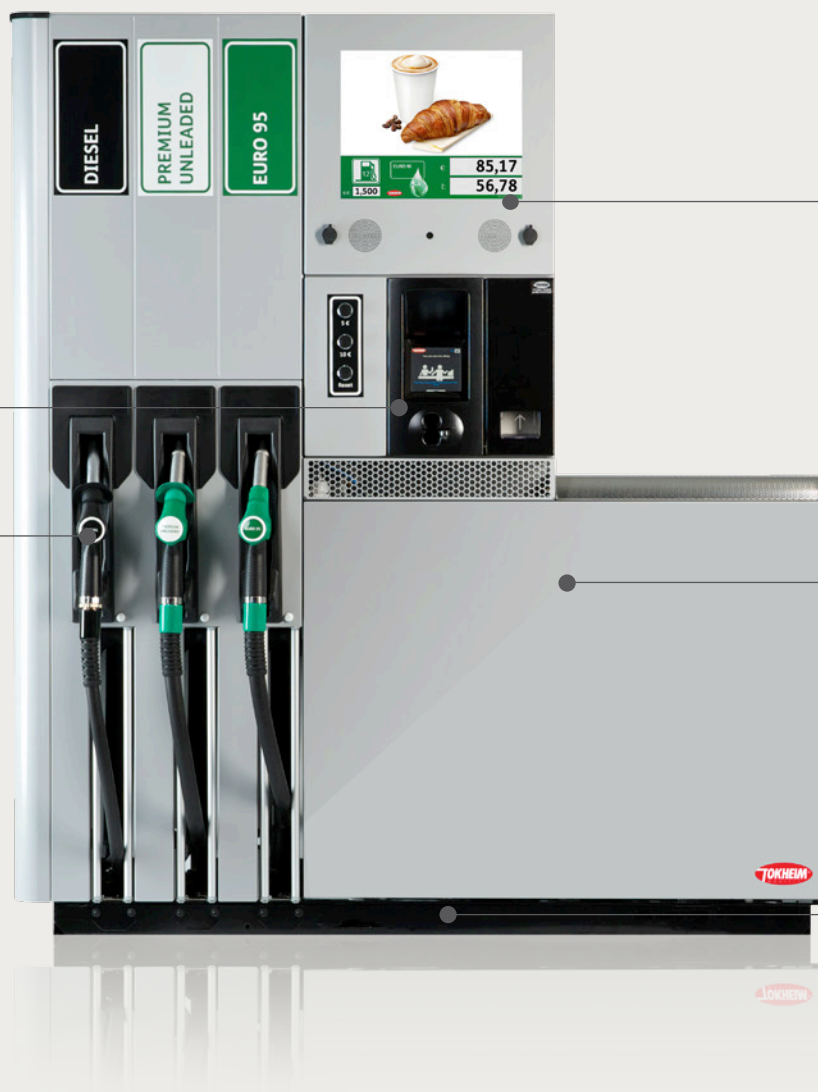
Quantium 510 at a glance

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 Quantium 510 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.

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

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 Quantium 110. The Quantium 210 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.
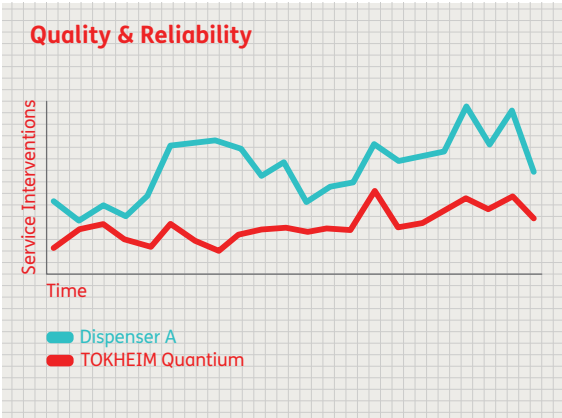
Quantium 410

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

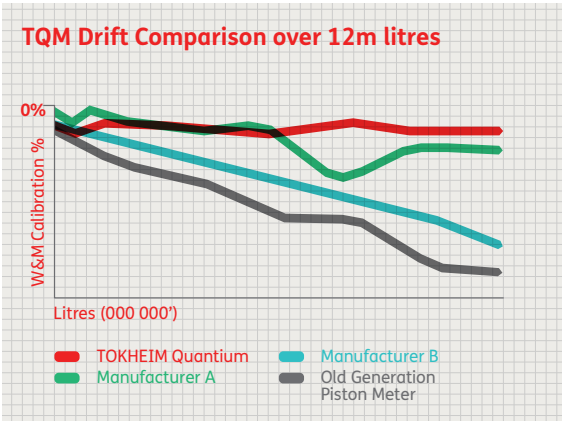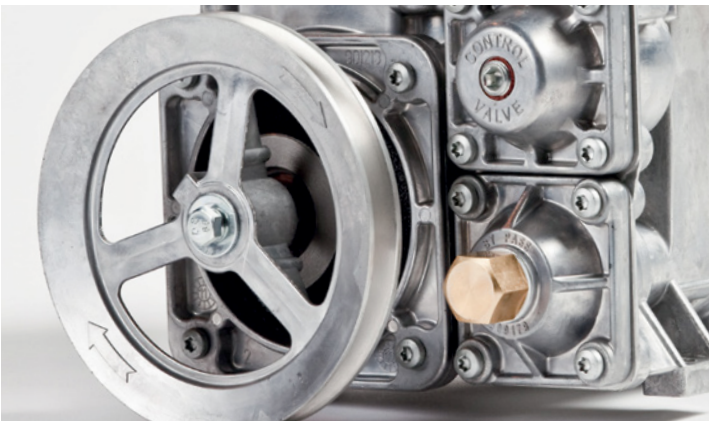### Quantium 510

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

Quality & Reliability

- Service Interventions
- Time
- Dispenser A
- TOKHEIM Quantium

Less service, less hassle

Tokheim's Quantium 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

- 0%
- W&M Calibration %
- Litres (000 000')
- TOKHEIM Quantium
- Manufacturer A
- Manufacturer B
- Old Generation Piston Meter

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

- 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

- Mains safety switch
- Emergency stop button
- 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 m2/s
- Relative humidity: 5% to 95%
- Altitude: from sea level to 2,000 m

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