



Wayne Century 3 Windshield Fluid Dispenser

Dispenser Technology

May-2023

DFS *Worldwide* Brands

WE
ARE

OUR VALUES

A Collaborative
Entrepreneurial Spirit

Winning
Through Customers

Engaging
in High Ethical
Standards, Openness
and Trust

Fostering
Expectations for
Results

Respecting
and Valuing People



WE
ARE

OUR VISION

Enabling the
evolution of
consumer
experience in
fueling and
convenience retail.



WE
ARE

OUR MISSION

A leading global
provider of
advanced
customer-
focused
technologies,
services and
solutions in the fuel
and convenience
retail industries.



WE
ARE

OUR CULTURE

A team committed to
doing great things,
collaborating to
deliver exceptional
business results for
our customers. We
are accountable,
results driven and
create value, through
innovation,
continuous
improvement and
execution excellence.



WE
ARE

CULTIVATING EXCELLENCE

Aligned

Accountable

Engaged

Problem Solvers

**Customer-
Centric**

**Celebratory in
Success**

**Execution
Champions**





Wayne Dispenser Technology

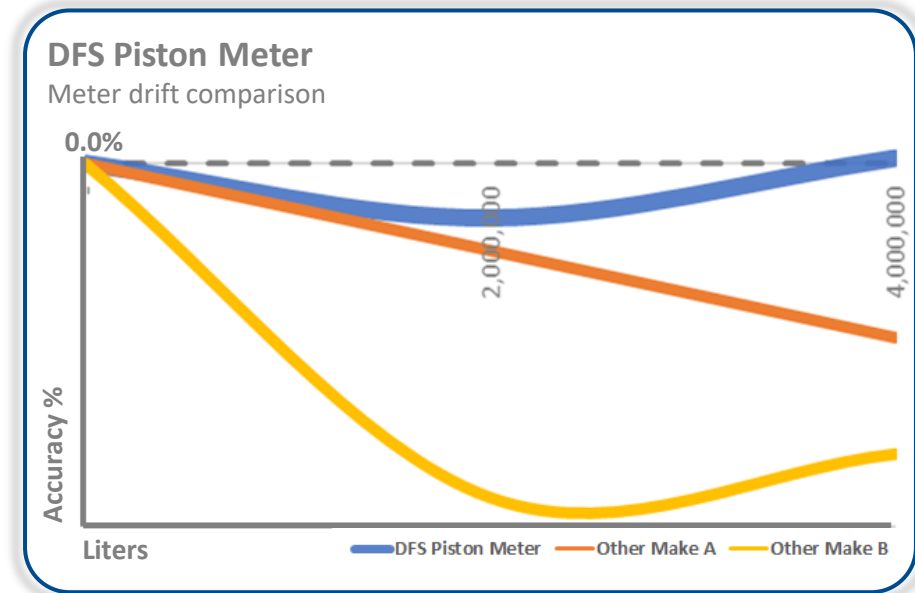


Designed with field-proven global components and corrosion resistant materials, Wayne fuel dispensers offer exceptional reliability

- Strong corrosion protection from high quality materials & design without welded corners
- Assembled to the highest standard with rigorous testing & quality control
- Designed with leading pumping technology using gear pump for reliable longevity
- Superior uptime in field, with reliable operation from long-lasting components
- Better total cost of ownership from less service required during lifetime

Designed for superior stability and accuracy over the lifetime of the dispenser, our fuel meter ensures accurate metering in all conditions

- Robust meter for optimal performance in all conditions
- Technology leadership with exceptional stability with minimal drift of 0.04% over 8 million liters
- Certified accuracy with meter performance verified by independent test lab
- Electronic calibration and industry-best resolution of 400 pulses per liter for accuracy across all flow rates
- Better total cost of ownership from minimal drift, reliable performance and minimal recalibration requirement





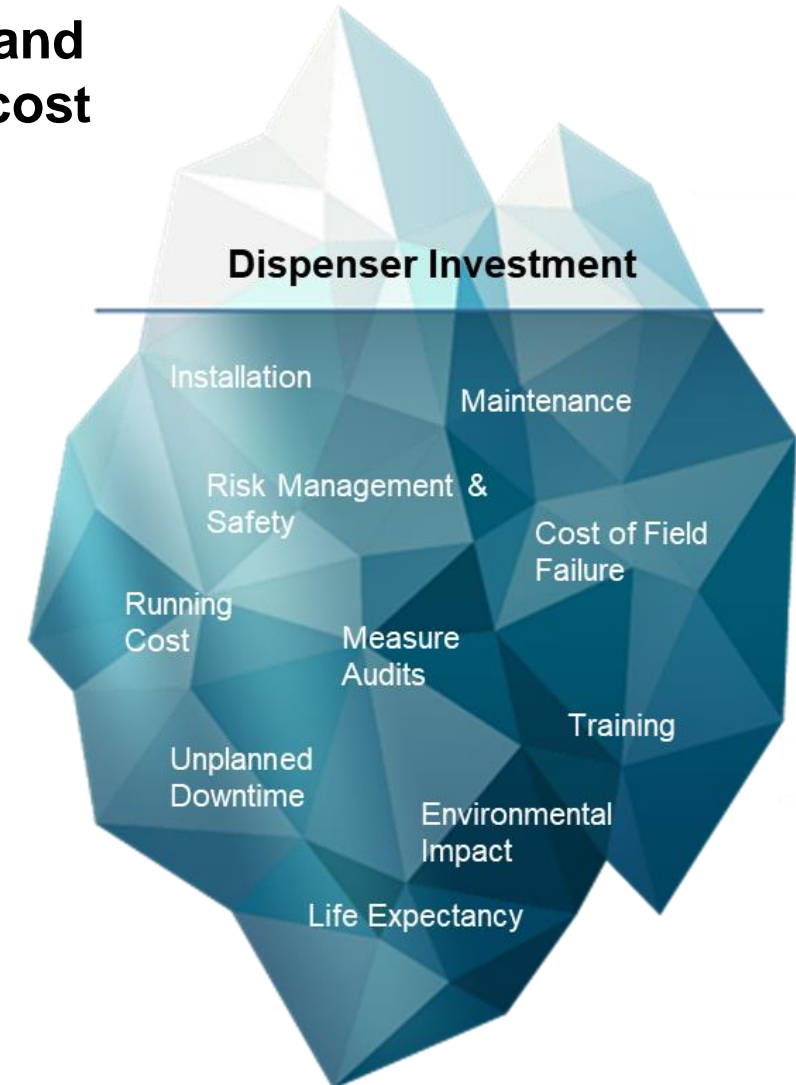
Designed with safety in mind, from assembly to installation and daily operation, Wayne fuel dispensers come with intelligent safety features as standard

- Safety-focused design that avoids working at height for expected service interventions like hose replacements due to natural wear
- Patented double-bump pipe couplings minimize faulty assembly for secured seal
- Ergonomically optimized positioning of nozzles to ensure DDA compliance
- Better total cost of ownership from less service with improved protection against leaks over lifetime

Total Cost of Ownership

Modern intelligent design that provides accurate metering and a long lifetime with less service interventions for low total cost of ownership. Technology leadership to the Core!

- Built to last with durable design using field-proven components that require less service
- Strong corrosion protection to ensure a long lifetime
- Robust design with single bottom-frame & strong chassis for improved structural framework
- Reliable operation from accurate metering and stable field-proven electronics
- Better total cost of ownership from intelligent design with fewer parts wearing over lifetime



Wayne Century 3 Windshield Fluid Dispenser

Dispenser Technology

Wayne fuel dispensers are known for its leading technology in all core components

Superior Meter Stability

Designed for reliable performance with all fuel types over the lifetime of the dispenser, our fuel meter maintains exceptional stability with minimal drift

Reliable Performance

Continuously raising the bar with innovation and intelligent design, our field-proven core components are recognized for its superior technology delivering reliable performance

Total Cost of Ownership

Innovative design offering reliable performance, exceptional meter stability and a long life with less service interventions for low total cost of ownership.



Say Hello to Wayne Century 3 Windshield Fluid Dispenser

An environmentally friendly solution to replenish a vehicle's windshield fluid, eliminating the need for single use plastic bottles.

- **Reduces need to use single plastic bottles** Helps the motorist reduce their carbon footprint by eliminating the need for single use HDPE 2 plastic bottles typically used for windshield fluid
- **Economical with zero fluid waste.** Accurate metering using our DFS piston meter to avoid waste, as the motorist only pay for the fluid that can fit into the vehicle's fluid tank.
- **No spillage of hazardous fluids to environment.** Overfilling and spillage issues typically experienced when using plastic bottles are eliminated as the dispenser is equipped with Elaflex nozzles to make it easy to fill into the vehicle's fluid tank compared to using bottled fluid



Leveraging best of the best components and decades of hydraulic innovation DFS has designed a compact windshield fluid dispenser with a robust framework, strong corrosion protection and exceptional accuracy.

Designed for Exceptional Accuracy

- Our DFS piston meter technology accurately measures out the fluid required to reduce the risk of waste. Overfilling and spillage issues typically experienced when using plastic bottles are eliminated as the dispenser is equipped with Elaflex nozzles to make it easy to fill into the vehicle's fluid tank.

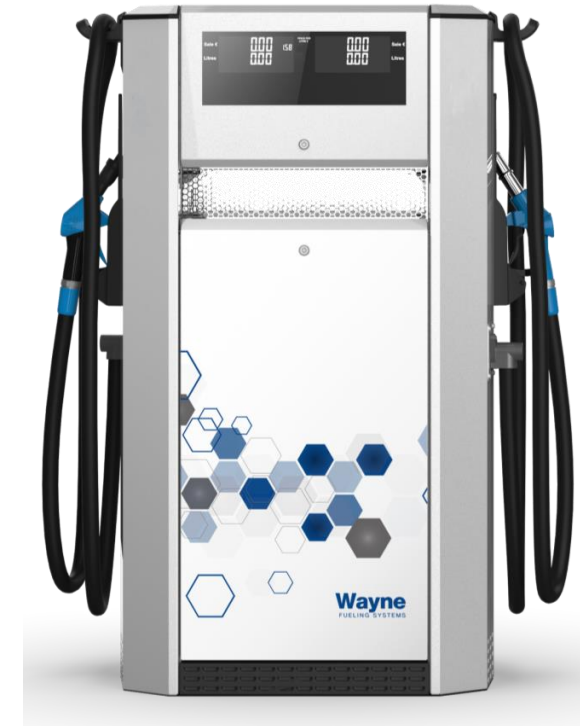
Built for Reliable Performance

- Long-lasting quality using a robust framework and field-proven componentry and quality materials treated with our industry leading corrosion protection for durable reliability.



Our Robust Design, Quality Materials and Best of the Best Components ensures Reliable Performance and low TCO

- Reliable electronics and certified metering accuracy from field-proven technology delivering exceptional stability for minimal meter drift
- Ready for optional IoT technology connecting the fuel dispenser to the cloud and our powerful DX Platform for advanced remote management capabilities for low TCO



DFS dispensers features our patented double-bump technology for tube assembly, which eliminate risk of leakage and enable efficient service

Reduced risk of leakage

- Intelligent poka-yoke design which prevents wrong assembly to eliminate human error and the potential risk of leakage otherwise possible with flared connections. Our design utilizes fuel resilient fluor silicone O-rings to reduce risk of leakage over the dispenser's life-time.

Excellent serviceability

- Our double-bump system reduces intervention time compared with flared tube connections. Quick tube removal and insertion, then simply snap in place and secure with lock pin.



It's the most critical component in any fuel dispenser, yet not all meters are created equal...



Minimal Drift Meter

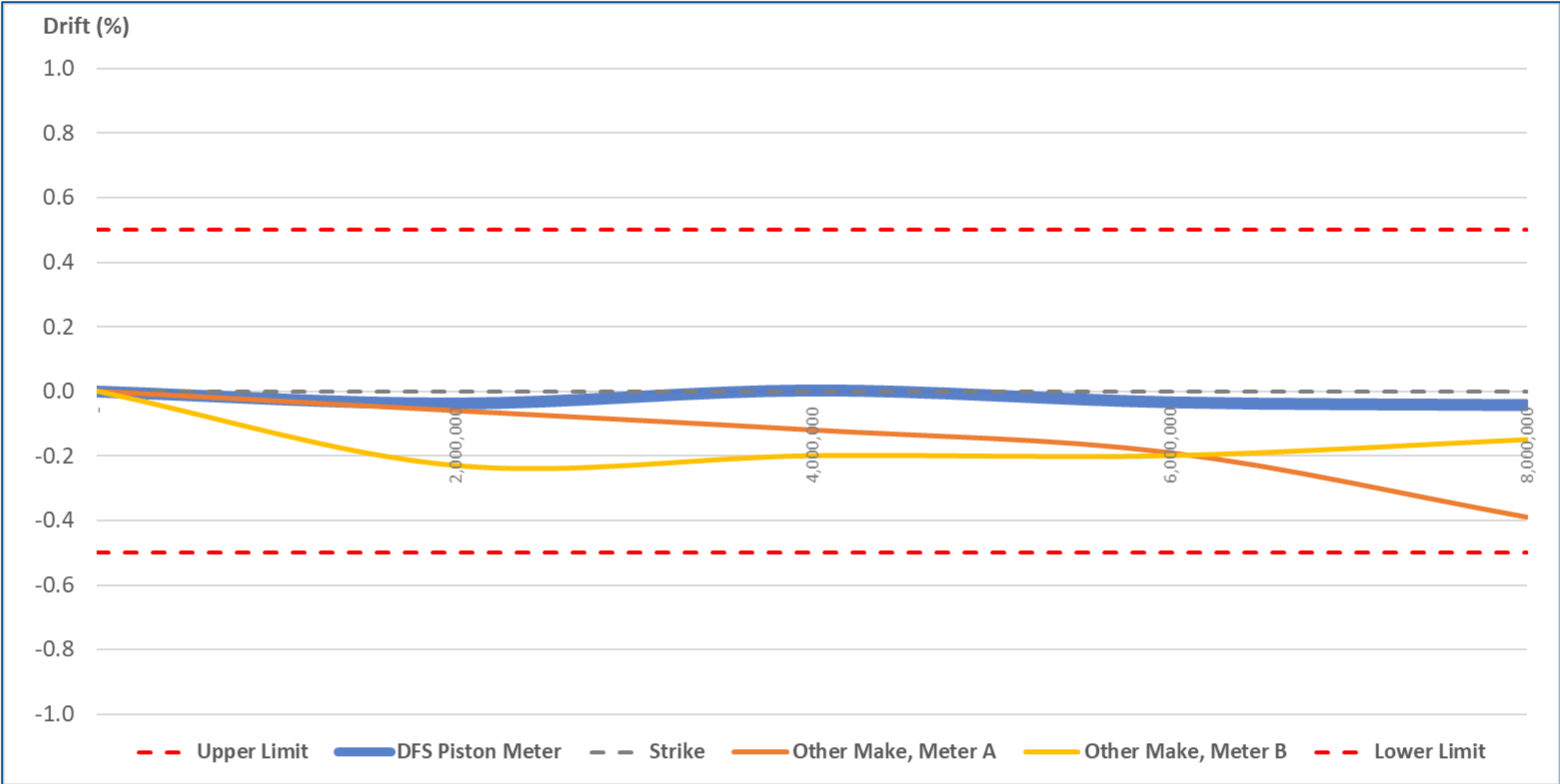
- Designed for reliable performance over the lifetime of the dispenser, our fuel meter maintains exceptional stability with minimal drift of 0.04% over 8 millions liters.

Accurate Fueling Faster

- Designed to minimize pressure drop from an optimized fluid path, using industry-best data resolution of 400 pulses per liter to provide accurate measures across a wide range of flow-rates.

Lowest TCO

- Technology leadership from accuracy and optimal performance in all conditions providing industry leading TCO with minimal drift proven to perform well within legal tolerance of +/- 0.5



Our dispensers benefit from our robust field-proven DFS piston meter delivering reliable performance with all fuel types

Versatility for superior reliability

- The DFS Piston meter has a robust design assembled with a single piece casted crankshaft and optimized yoke guidance to minimize wear & tear and work reliably and accurately with a variety of fuel types in even the harshest of conditions. The meter offers excellent fluid compatibility and extreme temperature range for operations from -40°C to +60°C

Robust design to prevent meter leakage

- Designed with check valve located on the meter outlet for strong resistance to leaks caused from pressure spikes from hoses being driven over, and to dramatically reduce the risk of leaks with internal crankshaft, ring-fenced meter covers and use of resilient fluor silicone O-rings which provide excellent fluid compatibility



Our dispensers benefits from intelligent design for strong protection against tampering

Strong design safeguarding the integrity of the meter

- Engineered without gears & with both the crankshaft and the pulsar inside the meter housing to prevent tampering

Intelligent data security to prevent fraud & theft

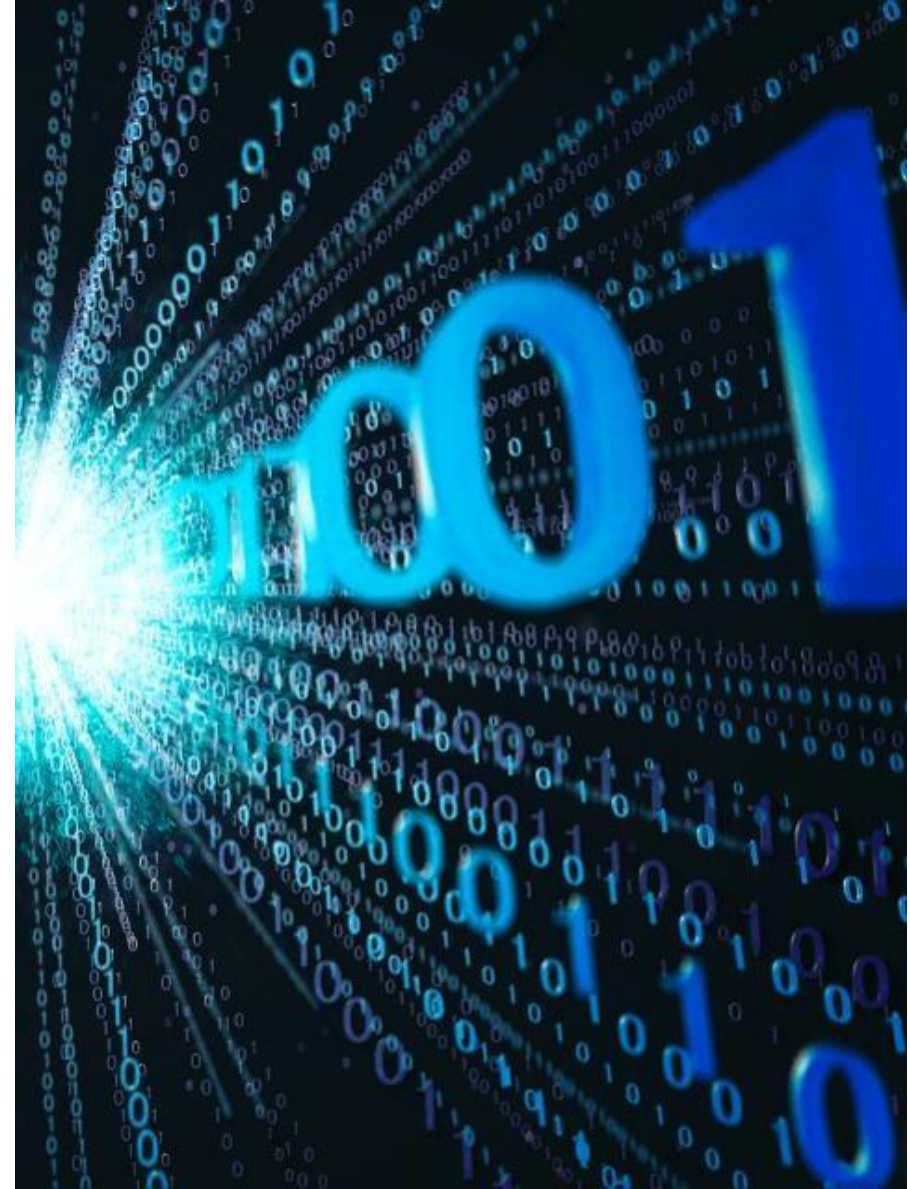
- The pulsar is engineered with removal detection as well as mutual authentication between the pulsar & the calculator, which communicates via an encrypted high-speed serial link

Our patented two-step electronic calibration provides quick and easy verification







Designed with intelligent field-proven electronics with advanced functionalities ensuring strong anti-tampering protection and optimal flow control for precise metering

- Field-proven iGEM electronics for reliable performance
- Intelligent pump electronics prepared for advanced functionality like ATC, Blending & Additive Dosing
- Advanced consumer engagement with seamless integration of dispenser media & outdoor payment
- Better total cost of ownership from less service required during lifetime



Designed for both conventional and alternative fuels, Century 3 offer you total flexibility to configure and customize your dispenser to your every need

Conventional Fuels	AdBlue	LPG	Windshield Fluid
<ul style="list-style-type: none"> ▪ Suction or Remote Pressure ▪ 1 or 2 grades ▪ Up to 4 nozzles ▪ Multiple flow rates 	<ul style="list-style-type: none"> ▪ Remote Pressure ▪ 1 Grade ▪ Up to 2 nozzles 	<ul style="list-style-type: none"> ▪ Remote Pressure ▪ 1 Grade ▪ Up to 2 nozzles 	<ul style="list-style-type: none"> ▪ Remote Pressure ▪ 1 Grade ▪ Up to 2 nozzles 

Based on our global technology platform, Wayne fuel dispensers are recognized for innovation, reliability and great versatility, offering almost endless configuration possibilities

Conventional Fuel



Century 3



H4000 II



H5000 II



H6000 II



H6000 II Additive

Windshield



Windshield

AdBlue



Century 3 AdB



H6000 II AdB



H6000 II B2B AdB

LPG



Century 3 LPG



H6000 II LPG



H6000 II B2B LPG

CNG



H6000 II CNG



H6000 II B2B CNG

Trusted Wayne Performance from Technology Leadership providing Reliable Performance and the lowest TCO

- Built to last with durable design using field-proven components that require less service and strong corrosion protection outside and in to ensure a long life of the dispenser
- Innovative design offering optional remote connectivity and reliable performance through exceptional meter stability and a long life with less service interventions for low total cost of ownership. **Technology Leadership to the Core!**



