



Hamaton

Innovation to Perfection

TPMS Product Brochure





ABOUT HAMATON

Hamaton Automotive Technology Co., Ltd. is a world-leading manufacturer of tyre valves and tyre pressure monitoring system (TPMS) products for the OE and aftermarket. Hamaton Ltd. (UK) and Hamaton GmbH (Germany) operate as specialist distribution centres, enabling the company to deliver its comprehensive product range to organisations across Europe.



TPMS PRODUCT RANGE

The product range, manufactured in an OE environment to the most exacting standards, includes the EU-Pro family of universal sensors, replacement parts and workshop tools.

Additionally, Hamaton offers ATEQ diagnostic tools and a collection of its own developed in partnership with the manufacturer, such as the H57 and Hybrid HT.

UNIVERSAL SENSORS



The NFC-Enabled Universal Sensor



What Sets this Sensor Apart?

Users can configure and program this sensor with their smartphones.

This solution is perfect for DIYers, wheel assemblers and companies looking to capitalise on TPMS business opportunities.



What is NFC?

NFC is a short-range wireless technology that allows compatible devices to communicate. Its most common use on a smartphone is making quick and easy payments with Apple Pay or Google Pay.

NFC Benefits & App Features

Superfast Configuration

The app configures Hybrid NFC sensors in a tap, outperforming diagnostic tools.*

Two Ways to Configure

Create a new ID and use any diagnostic tool to relearn a vehicle. Alternatively, manually enter an existing OE sensor ID and skip the relearn process altogether.

No Potential for Error

Users can rest assured they have configured the correct sensor thanks to the short-range transmission of NFC.

Free to Download & Update

Say goodbye to subscription fees and manual updates. The app updates itself, so users do not have to!** As a result, the latest vehicle coverage will always be at one's fingertips.



Besides NFC, the EU-Pro Hybrid NFC includes the same features as the Hybrid 3.5 (on page 3).

Silver Clamp-In: [HTS-A71BM](#)
Black Clamp-In: [HTS-A71BN](#)

Snap-In: [HTS-A71BA](#)
Graphite Clamp-In: [HTS-A71BP](#)

*Available for NFC-enabled Android phones and the iPhone 7 or newer with a minimum of iOS 15.
**Mobile data or a Wi-Fi connection is required. Apple users must select Remote from the settings menu.

UNIVERSAL SENSORS



The 3-in-1 Universal Sensor

Configurable | Programmable | Multi-Protocol

- **Configurable:** configure in 1-3 seconds, as protocols covering a high percentage of vehicles are stored on the sensor
- **Programmable:** add new protocols as they become available, future-proofing stock
- **Multi-Protocol** (pre-programmed): install on most BMW and Mercedes vehicles without programming
- Compatible with leading diagnostic tools, including those manufactured by ATEQ
- LOS, WAL, PAL, SAL and WASP auto-location technologies
- Designed for an optimal fit with OE and aftermarket wheels
- Powerful Maxell battery and the latest NXP chip
- 3-year sensor warranty*

Silver Clamp-In: [HTS-A68BM](#)

Black Clamp-In: [HTS-A68BN](#)

Snap-In: [HTS-A68BA](#)

Graphite Clamp-In: [HTS-A68BP](#)



OE REPLACEMENT SENSORS

OE-R

- Cost-effective solution to replace Original Equipment (OE) sensors
- No programming required - fully functional following a TPMS relearn procedure
- LOS, WAL, PAL, SAL and WASP auto-location technologies
- Designed for an optimal fit with OE and aftermarket wheels
- Powerful Maxell battery and the latest NXP chip
- 3-year sensor warranty*



VALVE OPTIONS FOR HAMATON SENSORS



Silver Clamp-In:
[6-266B](#)



Snap-In:
[6-207](#)



Black Clamp-In:
[6-266B-BK](#)



Graphite Clamp-In:
[6-266A-SH](#)

The EU-Pro family of sensors have four valve stem options: the most popular aftermarket Snap-In and three Clamp-In valves designed to complement the alloy wheel finish.

Clamp-In valves are anodized, and all valve cores have nickel plating to strengthen the corrosion resistance. The Clamp-In nut can be removed/attached over the cap to accelerate sensor installation and includes an anti-scratch washer to protect the wheel surface when tightening.



The Low-Cost Universal Sensor

The lite version of the standard Hybrid 3.5 is a low-cost, purely programmable sensor. Programmable sensors come blank, meaning protocols need programming to the sensor with a compatible diagnostic tool.



Silver Clamp-In: [HTS-A88CM](#)

Black Clamp-In: [HTS-A88CN](#)

Snap-In: [HTS-A88CA](#)

Graphite Clamp-In: [HTS-A88CP](#)

*While sensors have a 3-year warranty, valves are warranted for two years. However, valves must be serviced/replaced when the tyre bead is broken to uphold the sensor warranty.

*While sensors have a 3-year warranty, valves are warranted for two years. However, valves must be serviced/replaced when the tyre bead is broken to uphold the sensor warranty.

REPLACEMENT PARTS

Hamaton offers the largest selection of replacement parts (valves and service kits) in the market, which can be ordered in boxes of 10 or as part of the Starter Kit Pro.

What Causes a Valve to Corrode?

Galvanic corrosion can occur when valves are subject to road dirt and salt. Therefore, climate or location (e.g., beside the coast) can impact the number of corroded valves garages encounter. A chemical reaction causes the nut or valve core to bond with the stem and rubber components. Slow leaks are a common consequence, resulting in customer comebacks – costing time and money. Figure 1 demonstrates what may happen if valves are not serviced.



Fig 1.
New Valve vs
Corroded Valve

When Do Valves Require Servicing?

OE manufacturers highly recommend servicing valves when the tyre bead is broken, e.g., when the tyre is repaired or replaced.

What are the Benefits of Servicing Valves?

Servicing can extend the sensor's lifespan (avoiding unnecessary replacement costs) and maintain its functionality, which ultimately:

- Saves money by increasing fuel economy
- Improves vehicle handling and road safety
- Reduces premature tyre wear
- Reduces a vehicle's CO₂ emissions

What Parts of the Valve Need Replacing During a Service?

The components that require replacing are highlighted in blue:

Clamp-In Sensor



Snap-In Sensor



ESSENTIAL TOOLS FOR SERVICING

The tool kit and carry case is an essential piece of equipment for garages, as it contains all the tools required to service valves successfully.

- The tool range is compatible with every valve in the market
- Overcome varying torque settings among valves and service kits by having the correct tool to hand, reducing the risk of damage

Contents:

- Calibrated torque tool, including:
 - o 7mm, 11mm and 12mm hex sockets
 - o 10, 15 and 20 Torx bits
- Valve core torque tool
- Grommet removal tool
- T6 Torx screwdriver

PN: [6-313](#)



STARTER KIT PRO

The Starter Kit Pro contains a selection of the most popular replacement parts, which cover 99% of European direct TPMS-enabled vehicles.

With 52 valves and 12 service kits (for OE and aftermarket sensors), the Starter Kit Pro alleviates the worry of not having the correct replacement parts to hand.

For extra convenience, the contents are available in individual boxes of 10.

PN: [6-348](#)

Find the Correct Replacement Parts Online

The Hamaton website is home to a Vehicle Look-Up tool designed to help users quickly identify replacement parts for a vehicle. Just enter the make, model and year of manufacture to begin.

UK: www.hamaton-tpms.com

DE: www.hamaton-tpms.de

DIAGNOSTIC TOOLS

Standard Features

- Read and activate 100% of OE and aftermarket sensors
- Manually enter IDs and copy a set of wheels
- Retrieve IDs from the ECU*
- Unlock the ECU*
- Manual relearn procedures
- ATEQ's Live Sensor platform (updates sensor information in real-time)
- ATEQ's Sync-ID technology (increases OBDII relearn coverage to over 90%)*
- Remote Key Entry (RKE) test
- A sensor part number directory
- Easy-to-use icon-driven navigation and a comprehensive language selector



Hamaton and ATEQ Diagnostic Tools | The Differences

	Hamaton	ATEQ
Configure/Program	EU-Pro Hybrid and T-Pro Hybrid Sensors	All Popular Universal Sensors
Multi-programming	EU-Pro Hybrid and T-Pro Hybrid Sensors	All Popular Universal Sensors
Free Software Subscription	5 Years**	3 Years (VT37 & VT57) 2 Years (VT67)
Warranty	2 Years	1 Year (VT37 & VT57) 2 Years (VT67)

The Hamaton H57 and Hybrid HT can be upgraded to configure/program other universal sensors.**
See page 9 for more information.

Additional Features Per Diagnostic Tool

ATEQ VT67

- 8" colour touchscreen
- Bluetooth ready
- Update via Wi-Fi
- Customer management
 - Capture images of vehicle parts
 - Email TPMS reports
 - Storage: 12GB
- TPMS diagnostics
 - Retrieve DTCs
 - ID Match (compare sensor IDs to what is on the ECU)
- Tyre management
 - Record DOT codes (date and place of tyre manufacture)
 - Change tyre pressure placard value
 - Measure tyre tread depth***
- Vehicle databases: Australasia, Europe, Japan and North America
- OBDII port locations
- OBDII connector included



PN: [ATE-D084](#)

*Excludes the ATEQ VT37.

**The free 5-year software subscription will stop if users upgrade the universal sensor coverage.

***Gauge sold separately.



PN: [ATE-D081](#)

ATEQ VT57 & Hamaton H57

- 4.3" colour touchscreen
- Update via Wi-Fi
- Customer management
 - Store up to 800 service records
- TPMS diagnostics
 - Retrieve DTCs
- Tyre management
 - Record DOT codes (date and place of tyre manufacture)
 - Change tyre pressure placard value
 - Measure tyre tread depth*
- Vehicle databases: Australasia, Europe, Japan, Korea and North America
- OBDII port locations
- OBDII module and connector included



PN: [HAM-D081](#)



PN: [HAM-D076](#)

Hamaton Hybrid HT

- 2.8" colour display
- Bluetooth and NFC ready
- Update via Wi-Fi
- Customer management
 - Store up to 800 service records
- TPMS diagnostics
 - ID Match (compare sensor IDs to what is on the ECU)
- Tyre management
 - Change tyre pressure placard value
 - Measure tyre tread depth*
- Vehicle databases: Australasia, Europe and North America
- OBDII connector included



Hamaton H47

- 2.8" colour display
- Tyre management
 - Change tyre pressure placard value
- Vehicle databases: Europe and North America
- OBDII connector included

PN: [HAM-D065](#)



ATEQ VT37

- 2.8" colour display
- Vehicle databases: Australasia, Europe and North America

PN: [ATE-D079](#)



*Gauge sold separately.

TYRE TREAD DEPTH GAUGE

This ergonomic tool accessory quickly captures three precise measurements (inner, centre and outer) of up to seven tyres per vehicle.

Besides improved road safety, identifying a worn tyre enables garages to upsell a replacement.

For the following diagnostic tools: VT67, VT57, H57 and Hybrid HT.

PN: [ATE-D027](#)



UNIVERSAL SENSOR UPGRADE

Increase the universal sensor coverage of your Hamaton diagnostic tool to include the following brands: AUTECH alpha.Sens, ALCAR Sensor, ALLIGATOR Sens.it, BH SENS IntelliSens, VDO REDI-Sensor and SCHRADER EZ-sensor.

For the following diagnostic tools: H57 and Hybrid HT.

Please note the free 5-year software subscription (included at purchase) will stop if users upgrade.

SOFTWARE UPDATES

Having a valid software subscription and keeping diagnostic tools updated is essential. Software updates provide new features and increased coverage meaning garages can service more vehicles.

If your software licence has expired or is ending soon, contact us to discuss your options.

Install WebVT to download the latest software update. VT67, VT57, H57 and Hybrid HT owners can perform subsequent updates via Wi-Fi.

www.hamaton-tpms.com/webvt



SPECIAL OFFERS

Stock up and save with TPMS bundle deals, customised to meet individual business needs. Contact us for more information.

DE: info.gmbh@hamaton-tpms.com UK: info@hamaton-tpms.com



Visit the
Downloads Page

ONLINE SHOP & SUPPORT

On our website, visitors will find answers to the most asked questions surrounding TPMS and a [downloads page](#), including fitment instructions, how-to guides and product comparison charts. Scan the QR code to check out this page.

Unlock Exclusive TPMS Info Plus Much More with Just a Login

Besides up-to-date coverage of our TPMS product range, users can take advantage of step-by-step relearn procedures for countless vehicles. This industry-leading data will be a blessing to anyone fitting a new sensor and help ensure the vehicle's TPMS is in good working order.

A 24/7 Service

Our online shop allows users to place an order whenever is convenient for them. Users will also gain access to (account specific) live pricing and their purchase history.

LET'S STAY CONNECTED

Follow our social media channels and be among the first to hear about the latest business and product news.

Are you looking to expand your knowledge of TPMS? Make sure you subscribe to the Hamaton TPMS Global YouTube channel for regular tutorials.



Hamaton | Innovation to Perfection



UK: www.hamaton-tpms.com
DE: www.hamaton-tpms.de



UK: info@hamaton-tpms.com
DE: info.gmbh@hamaton-tpms.com

