

GO WITH THE FLOW.

T **TECALEMIT**

TMS smart

Effective fluid management
for the workshop.

NEW!
Available
now!



Why TMS smart?

What are my benefits?

The dynamic development of processes in workshops and the increasing variety of oil types require smart and flexible solutions. An intelligent fluid management system must be compatible with both existing equipment and new installations. Safety, reliability and economy are the top priorities.

With the new fluid management system, we help you to master this change and offer everything you need for a modern, cost-effective fluid supply in your workshop.



- Not a drop of oil is lost! Track all your consumption and analyze it in the preinstalled software „TMS smart Control“, exactly how much oil was dispensed for which job. Save valuable oil this way.
- Data is transmitted wirelessly via ZigBee® in real time. The unlimited expandability of the system is thus guaranteed and long, disruptive cable runs and additional network installations are no longer necessary.
- Before using the system, authorization can be achieved via a transponder or a code entry. This gives you full control over access at all times.
- Whether stationary or mobile, TECALEMIT or retrofitting of an existing system - the TMS smart Family can be deployed individually and masters different on-site configurations without any problems! With just one system you can manage your entire fluid supply.
- The components are easy to install and allow fast and intuitive operation.
- The paperless documentation also supports a tidy, sustainable workshop.



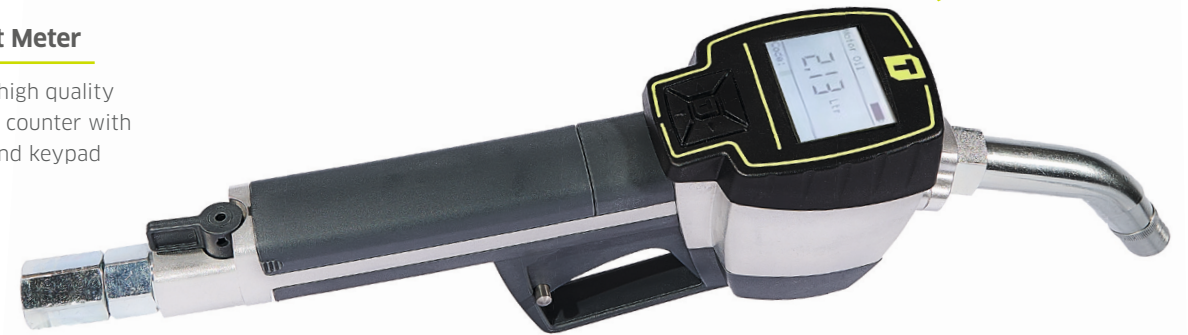
The components

What does the TMS smart Family contain?

The TMS smart Family scores with its modular composition and the usual TECALEMIT quality. The system is scalable as required and features durable and low-wear components.

TMS smart Meter

Robust and high quality manual flow counter with LC display and keypad



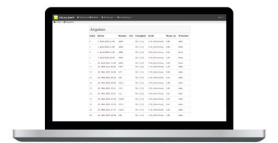
TMS smart Gateway

The central communication and control unit manages the data processing and controls the communication among the devices



TMS smart Repeater

The optional signal amplifier supports the gateway and ensures a smooth data transport



TMS smart Control

With the software you have full control over the system and can view user and view dispensing processes



TMS smart Meter

The smart manual flow counter



TMS smart Meter is our heart of the TMS smart Family. After you have logged in either by entering a code or using a transponder, you can conveniently and intuitively make various entries, perform dispensing operations and call up information (e.g. order number, liter quantity, etc.).

The graphic display shows you the battery status, the respective fluid and the dispensing point. The manual flow counter has a locking catch, swivel joint and a filter is also integrated.

- Incl. integrated transponder reader for fast user identification
- Incl. ZigBee® communication module
- For oils and radiator antifreeze concentrate
- With modern and practical operating unit
- With large LC graphic display
- High quality workmanship

Technical data TMS Smart Meter:

- Viscosity range: 20-2.000 mPa·s
- Flow rate: max. 10 l/min
- Operating pressure: 70 bar
- Threaded connection: G ½" female
- Measuring accuracy: ± 0,5 % (after calibration)
- IP protection:: IP54
- Media: engine oil, transmission oil, hydraulic oil and radiator antifreeze
- Operating temperature: 0 °C to +50 °C
- Storage temperature: -20 °C to +70 °C
- Weight: 1.700 g
- Materials: aluminum, PEEK, steel (galvanized & uncoated), stainless steel, brass, coated magnet (Parylene), FKM, PTFE

TMS smart Gateway

The control and communication unit



The TMS smart Gateway manages the entire communication of the system and can be LAN or WLAN into your network. Via the TMS smart Control Software you can then conveniently view the transmitted dispensing information in real time such as employees, order number, dispensed liquid, dispensed quantity, device and much more. Inventory accuracy, profitability and operational efficiency are supported by the gateway.

- Incl. ZigBee® communication module
- Incl. LAN / WLAN module
- Incl. wide range plug-in power supply
- Incl. USB port for software updates or RS 485 data bus

TMS smart Repeater

The signal amplifier



The TMS smart Repeater expands the network as required and acts as a ZigBee® signal amplifier for the TMS smart Gateway.

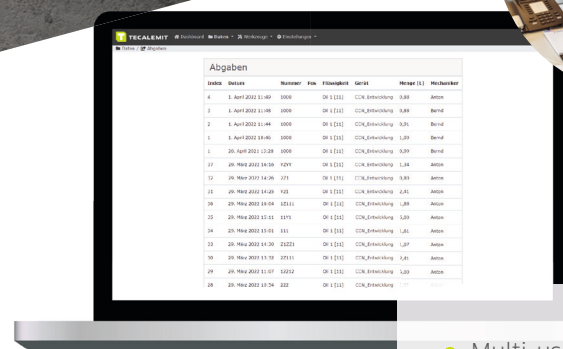
- Incl. wide range plug-in power supply
- Incl. LED status lights

Technical data TMS Smart Gateway and Repeater:

- IP protection: IP33
- Power supply: 110-240 V; 50-60 Hz
- Operating temperature: 0 °C to +50 °C
- Storage temperature: -20 °C to +70 °C
- Weight:: 600 g (Gateway), 260 g (Repeater)
- Dimensions, mm (W x H x D): 209 x 334 x 66 (Gateway), 107 x 282 x 56 (Repeater)

TMS smart Control

The software



TMS smart Control can be operated locally via any internet browser and protected by secure login. This way you have access to your data at any time and can easily view and control your order data.

The dashboard can be set up for each user individually. From the dashboard you have access to the most important functions.

Real-time overview of oil consumption, dispensing processes, devices and users in real time? No problem with TMS smart Control!

Best of all, the software is already preinstalled, so you can start immediately without lengthy installations.

Increase your productivity and professionalism and make your operating processes even more efficient!

- Multi-user application thanks to assignment of different login data without additional costs
- Browser access allows free choice of device and operating system
- Clear design of the user interface and intuitive handling
- Provision of updated data 24/7
- Overview of open and completed orders
- Manual creation of orders with oil grade and quantity to avoid incorrect deliveries
- Administration and creation of operators

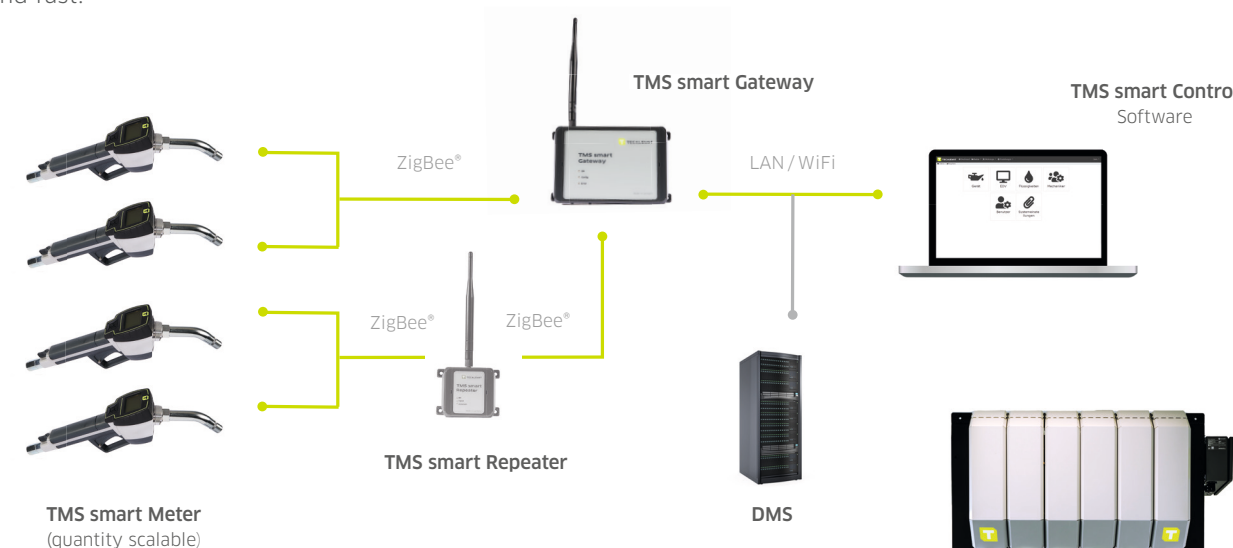
TMS smart Control Pro

You need an interface to your dealer management systems for networked order data management? TMS smart Control Pro offers interfaces to the most common dealer management systems (DMS).

Setting up the network

How does the TMS smart network work?

TECALEMIT product or retrofitting of an existing system - TMS smart is flexible and can be used for small and large workshops. The setup is simple and fast.



Full fluid control

TMS smart can be used both with mobile and stationary systems.



Your choice:
Mobile and/or stationary!

GO WITH THE FLOW.



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Follow us in the web, too:



An investment in the new TMS smart Family pays off - with up to 30% price advantage compared to conventional systems such as the TMS III! How this price advantage is calculated, which additional possibilities the TMS smart Family offers you and how we design your very personal workshop solution with TMS smart we would be happy to present to you in a personal conversation - contact us, we look forward to your feedback!

The TECALEMIT brand has been in existence since 1922 and is the world leader in the manufacture of systems for measuring, controlling and dispensing mineral oil, diesel and AdBlue®. Who wants products in the tank systems, workshop equipment, pumps, measuring technology and tyre inflators will find what they are looking for at TECALEMIT GmbH & Co. KG offers suitable solutions for workshops, service stations, agriculture or industry.



WE
are here
for you!