

# Portable flow and pressure meter



## TDM 300

- Ideal for temporary flow measurements
- Wireless communication
- Optional alarm transmission
- Internal rechargeable battery pack
- Integrated pressure sensor
- Adaptable for all connections

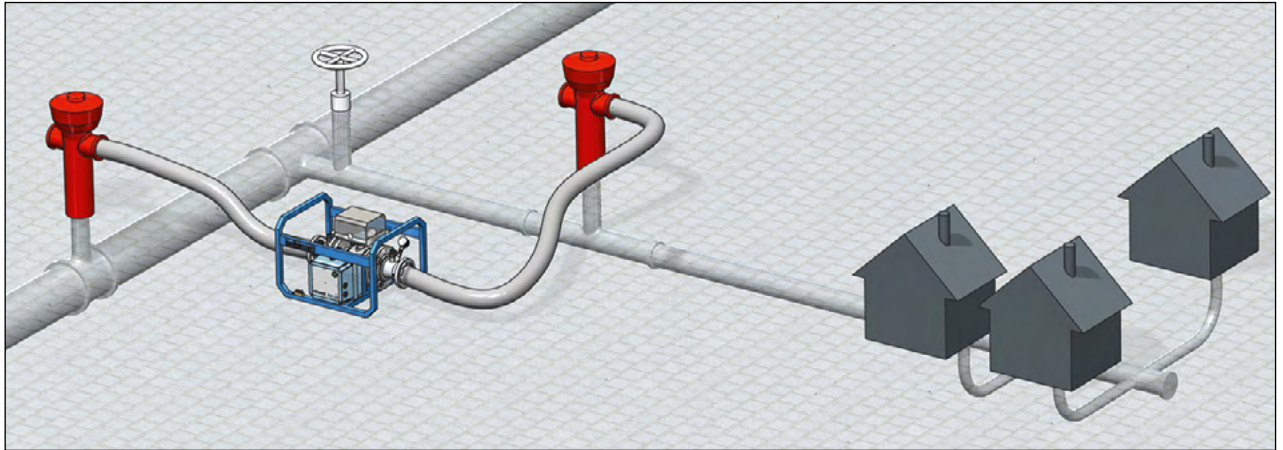
# TDM 300 – portable flow measurement

## Flow control

The **TDM 300** flow meter is easy to install and enables a quick and exact flow measurement.

It is equipped with an internal data logger on which all measurements can be stored, and provides wireless data transmission to a computer where the recorded data can be analyzed.

The user can watch the actual flow on the flow meter's LCD display or send the flow data wirelessly to a hand-held data collector.



Sketch of a bypass measurement to control a DMA inflow

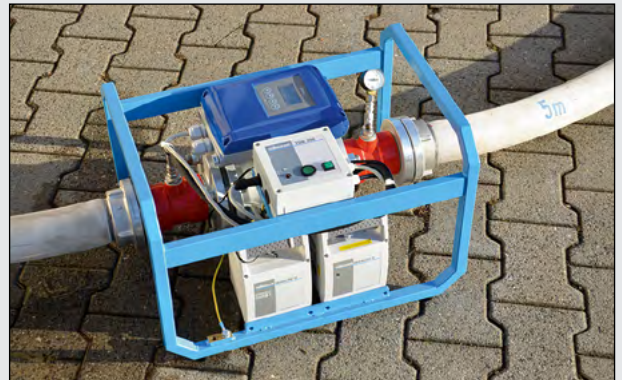
## Wide range of applications

The **TDM 300** is an ideal tool for different applications. Whether you want to verify a meter, check the DMA inflow or control the night minimum flow, the **TDM 300** is exactly what you need.

Our flow and pressure meter can even carry out load measurements to verify and monitor the available amount of firefighting water through hydrants. By default, the **TDM 300** is equipped with Storz connectors (DIN „B-type“), but can be also adapted to any other type of connectors.

## Portable or built-in? Take your pick!

Although designed as a portable device, the **TDM 300** can also be built into the SebaKMT water test vans. The built-in version can be comfortably operated from the armchair in the office section of the van.

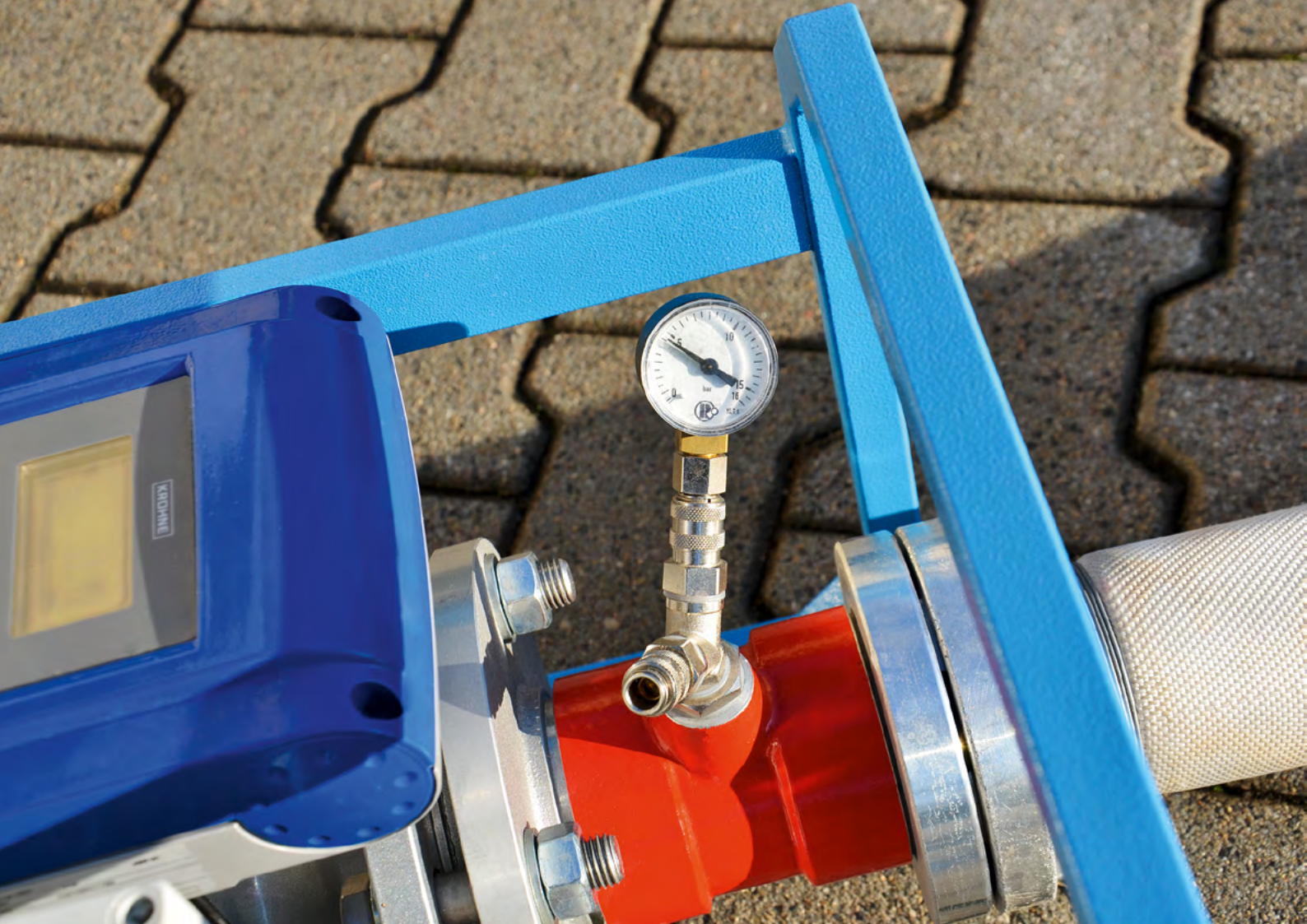


TDM 200 connected to two B-size fire hoses



TDM 200 installed in a test van



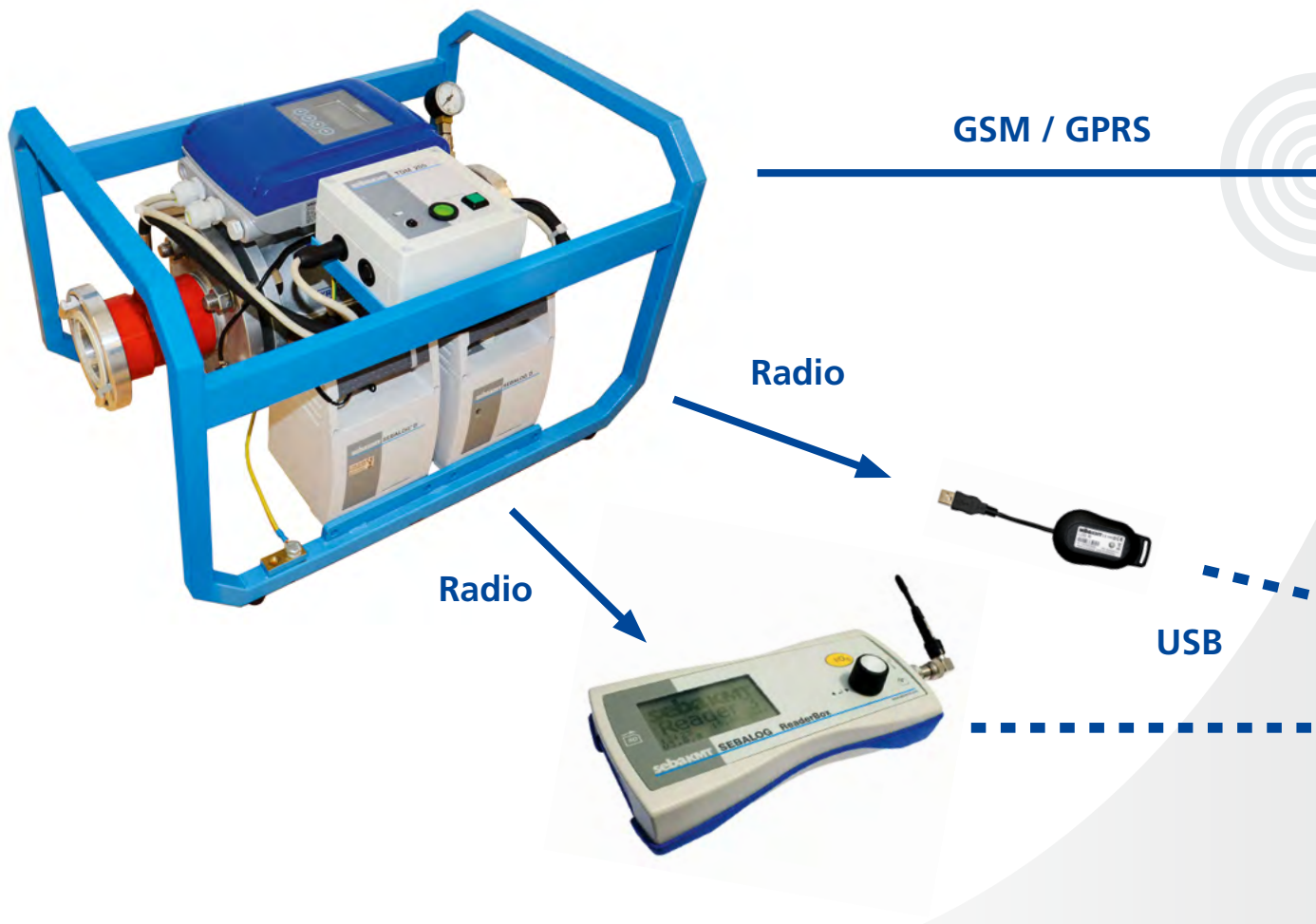


## Watch your pressure

The **TDM 300** comes with a pressure gauge to monitor the pressure inside the meter.

During the entire measurement, the integrated digital pressure sensor records the pressure inside the pipe in parallel to the flow.

The computer software *SebaData View 3* provides the complete pressure and flow history.



## Wireless operation

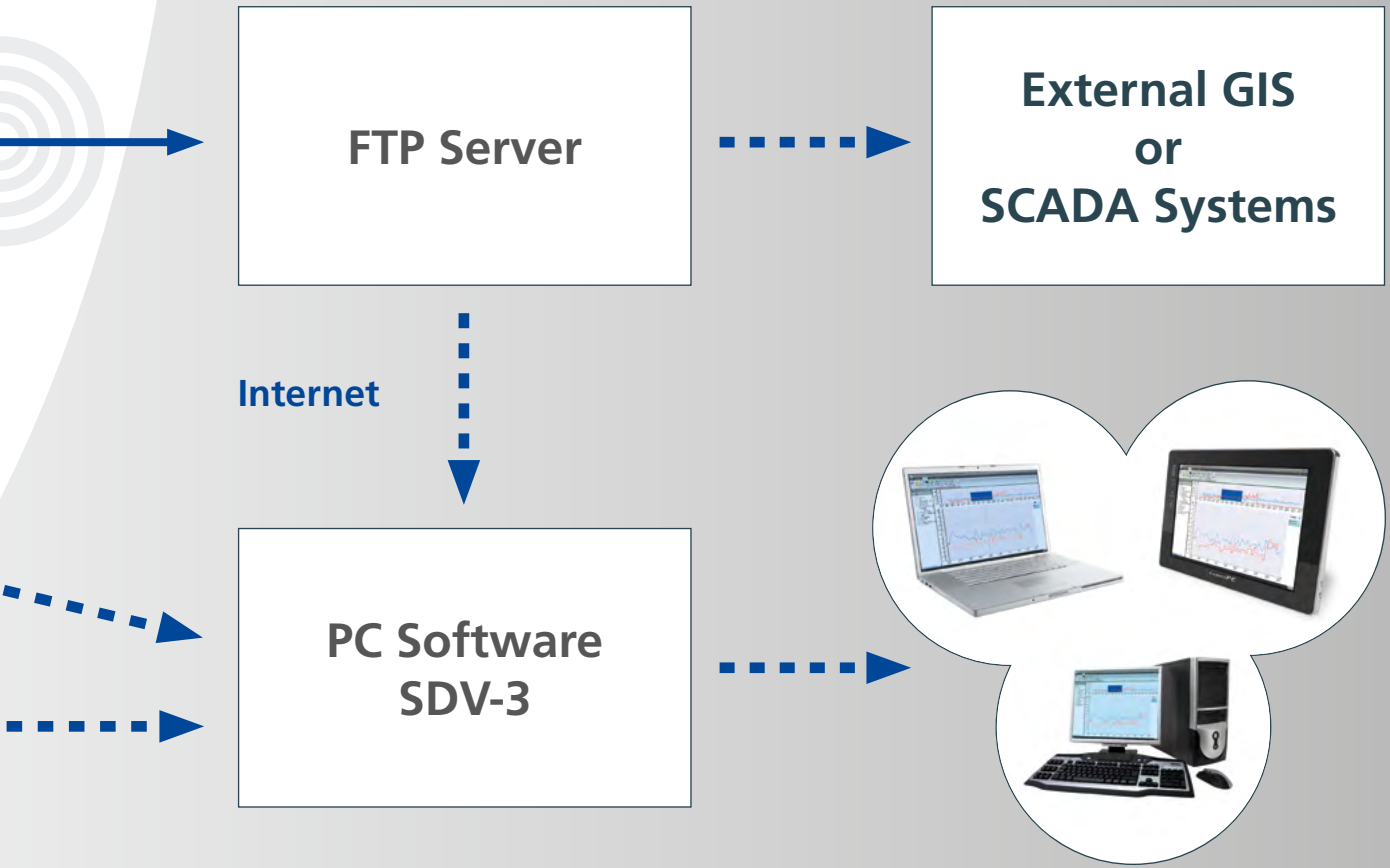
Due to an integrated radio modem, the **TDM 300** is able to communicate quickly and wirelessly.

Wireless communication makes the **TDM 300** to an ideal device for difficult traffic situations or sites that pose a risk to both safety and health.



Accessory Reader 3





## Unmanned operation

Equipped with a powerful, rechargeable battery pack and a GSM module for wireless data transmission, the **TDM 300** can be programmed to operate autonomously.

Night minimum flow measurements can thus be performed without needing staff to operate the instrument.



Data set of multiple days showing flow and pressure

## Technical data

Flow meter	
Dimension	DN 65
Accuracy	0.3 % of value
Repeatability	0.1%
Flow rate	up to 143 m <sup>3</sup> /h
IP rate	IP 66
Hardware	
Dimensions	530 x 380 x 350mm
Weight	approx. 25 kg
Power supply	12 V
Temperature range	-10 °C ... +50 °C
Communication	Radio, GSM/GPRS
Pressure gauge	0 ... 16 bar
Operation time	approx. 24h



## Scope of delivery

- TDM 300
- Sebalog RI radio interface
- Charger for rechargeable battery
- GSM antenna
- PC software
- User manual

**Note:** the illustrated smart phone is not included in the kit!