



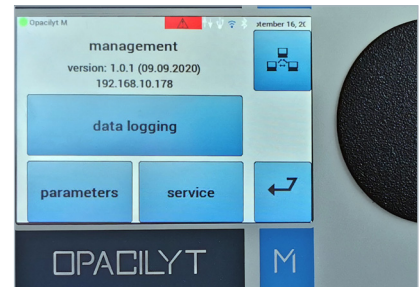
## Opacilyt M

Art.No. 50137

## The smoke meter for diesel vehicles

*compact, reliable, smart!*

With the new Opacilyt M, you can perform the legally required smoke gas opacity measurement on diesel vehicles quickly and conveniently as part of the periodic technical inspection. The measuring device convinces with the latest technology for reliable emissions tests.



### compact.

The low weight and the compact dimensions make the measuring device the ideal companion for mobile emissions testing.

### reliable.

High-quality materials and the robust design ensure a long-lasting measuring device with a high availability.

### smart.

Integrated WLAN enables integration into the workshop network for the transmission of measured values or error analysis from remote.

## Features

- Conform to ISO 11614 and type approval by PTB (National Metrology Institute of Germany) for error limit  $0.1 \text{ m}^{-1}$
- Color touch display for control and showing measuring values and status
- Communication via WLAN / Bluetooth / USB
- Internal logbook for documentation of maintenance, service, calibration, etc.
- Semi-automatic calibration
- internal data logger with export to USB
- Direct printout of measured values via external printer
- Remote control via smartphone or PC



Use the optional available tablet to fully remote control the device. Connectable via WIFI and Bluetooth. Robustness, a long lasting battery and the ease of use makes it the perfect accessory.



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# INFORMATION

## TECHNICAL SPECS

Measuring range	k-value opacity	0 - 10,00 m <sup>-1</sup> 0 - 100 %
Operating temp.		5 - 40 °C
Operating pressure		860 - 1060 hpa
Operating humidity		< 90 %
Warm-Up Time		< 5 min
Max. gas temp.		500 °C
Resolution		0,01 m <sup>-1</sup>

Accuracy	± 0,1 m <sup>-1</sup>
Interfaces	USB Serial, WIFI, Bluetooth® class 1 (100m)
Power	230 V / 50 Hz, 110 V / 60 Hz
Dimensions (W x H x D) in mm	202 x 167 x 352
Mass	6,0 kg

## ACCESSORIES



Gas sampling probe for diesel cars  
**Art.No.: 32039**



Gas sampling probe for diesel trucks  
**Art.No.: 32040**



2.5 m extension for sampling probe  
**Art.No.: 34988**



Bluetooth RPM and oil temp module  
**Art.No.: 40377**



calibration filters (10, 30, 50, 70 %)  
**Art.No.: on request**



Software for Windows PC  
**Art.No.: 50383**

## WHO WE ARE



**SAXON Junkalor GmbH** is a medium-sized company with many years of experience in the field of gas and particle measurement technology located in Germany. Founded in 1892 as a calorifer and calorimeter factory by Professor Hugo Junkers, the company has secured an important market position with the development and production of

measuring devices for exhaust gas testing of vehicles, for industrial emission monitoring and OEM assemblies as NDIR sensors. The globally active company has mastered the physical-technical basics up to the complete analyzer.



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