

# Field test on various engines

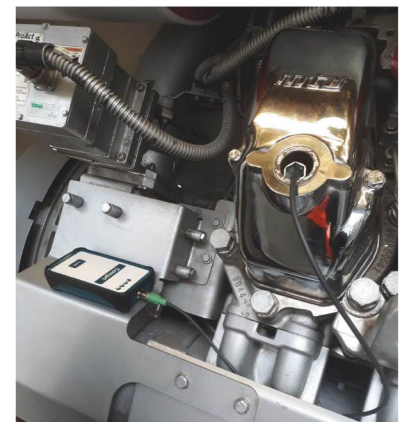
## Power plant application

Compri was successfully tested, also on various power plant engines.

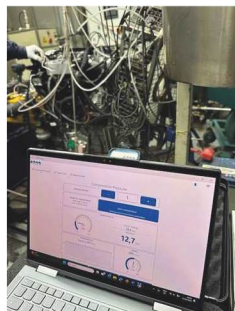
The correct adjustment is the basis for a reliable running engine. Especially power plant engines used for heat & power generation require a long-term performance. Using the IMES Compri ensures a proper diagnosis which leads to an increased lifetime of the engine.



Compri installed on a power plant MAN E2842 Le312 4-stroke gas engine



Compri installed on a power plant MTU 4000 (Powertec 1160) 4-stroke gas engine



# Your advantages

## Features

- One-man handling for all operations
- Standard M14 x 1,25 sensor incl. adaptor to M18 x 1,5
- Precise, safe, easy
- Bluetooth connection to PC, smartphone or tablet
- Visualisation app **IMES Compri**
- High accuracy due to direct sensor installation without extension

## Benefits

- Avoiding expensive damage on engine
- Cost saving by early diagnosis of defective parts
- Avoiding wearing of engine parts
- Optimising of engine performance
- Determining of correct engine part installation afterwards



You are welcome to contact us at any time for further information and support.

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Phone: +49 8341 9661730



# Compri

electronic compression pressure  
meter and leakage test device



[www.imes.de](http://www.imes.de)

# Compri

Compri is an electronic compression pressure meter and leakage test device. The unique device is designed for application on gas- and gasoline engines, buses, trucks, cars, classic cars and power plants.

The measurements can be easily performed by one person. The user only has to dismount the spark plugs and to install the pressure sensor on the cylinder. The sensor is directly connected to the Compri unit. Via Bluetooth the data will be transferred to the tablet, smartphone or PC.



Dismounting of spark plugs on an Alfa GT1300 engine

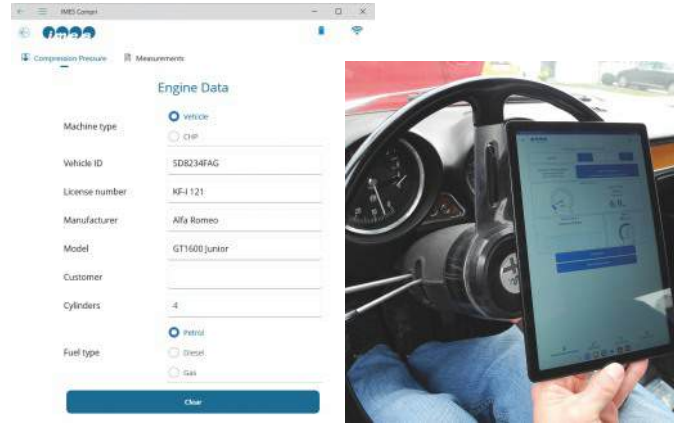


Compri pressure sensor installed on a cylinder of the Alfa GT1300 engine

# IMES Compri - Visualisation app

The user can install the **IMES Compri** visualisation app on his computer or mobile device. The app is free of charge and available for Android, iOS and Windows on App-Stores.

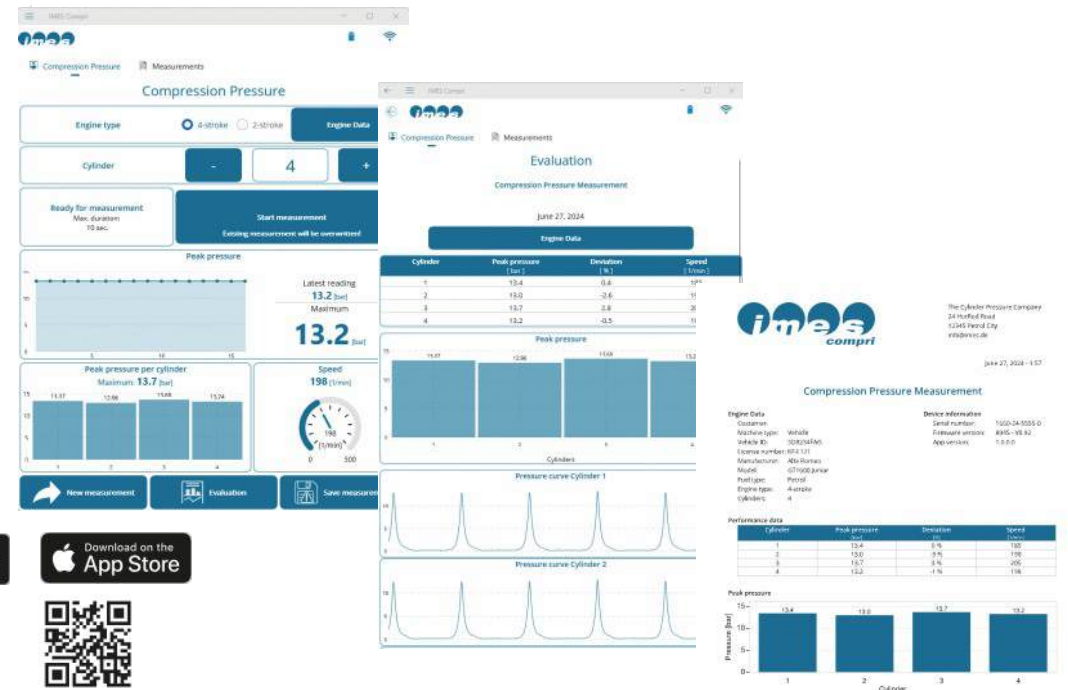
Due to the wireless technology the user has the possibility to receive the measurement data via Bluetooth in the app during time of measurement or he can open the saved measurement files in the app at a later date. All reports can be saved as pdf files which enables data to be circulated.



The user can fill in the engine data in the user-friendly operator interface of the visualisation app.

The connection via Bluetooth enables an easy one-man handling. The measurements can be taken by one person and the visualisation and evaluation of the data will be displayed on the mobile device immediately.

The visualisation app includes detailed information about e.g., compression pressure, rpm.



Compri  
The Cylinder Pressure Compri  
2410000 Post  
12345 Petrol City  
www.imes.de

Engine Data  
Customer: Gustavson  
Machine type: Petrol  
Vehicle ID: SDR234FAG  
License number: KF1121  
Manufacturer: Alfa Romeo  
Model: GT1600 Junior  
Fuel type: Petrol  
Engine type: 4-stroke  
Cylinders: 4

Device Information  
Serial number: 1550-24-3555 0  
Firmware version: 8.00-18.02  
App version: 1.0.0.0

Peak pressure [bar]  
15  
10  
5  
0  
1 2 3 4  
Cylinder