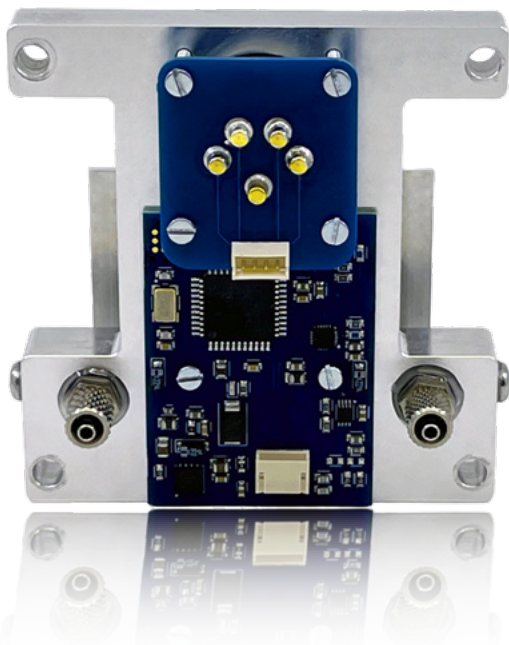
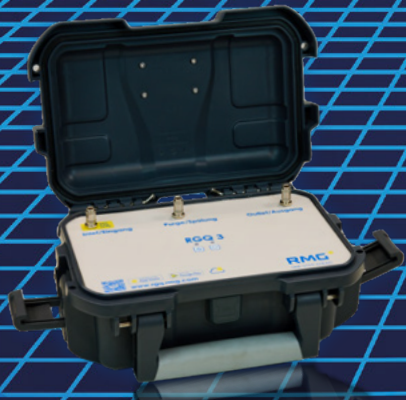


RMG Correlative Gas Quality Measuring Device

RGQ 3



The device displays the measured values for calorific value (H_s), heating value (H_l), upper and lower Wobbe index (WI_s and WI_l), density (ρ), real gas factor (Z), stoichiometric air-fuel ratio (s -AFR), methane number (MN) and the volume fractions of CO_2 and H_2 every second.

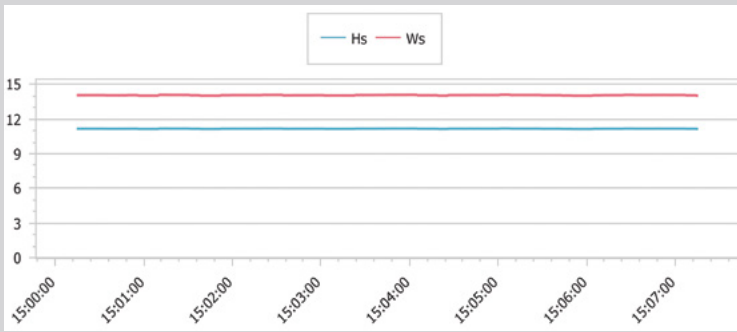
Clear advantages for the RGQ 3

The RGQ 3, which was specially developed for mobile and handheld use, is particularly characterized by its compact and solid design.

The easy-to-use shut-off quick couplings ensure prompt and secure connections to any gas source. The RGQ 3 can be operated for up to 24 hours without power supply - it is also highly effective and cheap.

The built-in pressure regulator, purge line and flow restrictor allow setup in minutes. All measured values are available via Bluetooth on the connected device with the RMG app and can be transferred on to a cloud.

The device was especially developed for mobile applications such as commissioning, regular maintenance and emission reduction, but can also be used at any time for permanent measurement purposes.



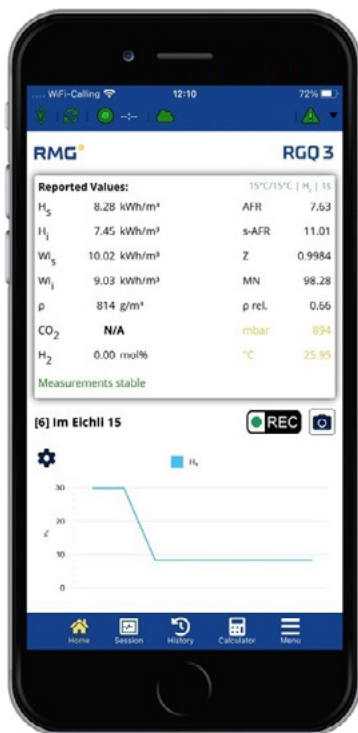
Location
 Street **Otto-Hahn-Str.**
 Number **5**
 City **Butzbach**
 Zipcode **35510**
 Area **Hesse**
 Country **Germany**
 Latitude **50,435**
 Longitude **8,688**



Key factors Cloud RGQ 3

- Real-time transfer of values to the cloud
- Export of data in Excel and CSV format
- Creation of reports "Graphical preparation of data"
- Detailed information for each measurement can be viewed (location, start and end time, correlative model used, reference conditions, etc.)
- Managing multiple measurement points

FURTHER DATA



Output Data	<ul style="list-style-type: none"> ▶ Wobbe Index (W_{I_5} & W_{I_1}) ▶ Calorific value (H_5 & H_1) ▶ H_2 and CO_2 mol% (optional) ▶ Density, Relative density, Compressibility ▶ Air/fuel ratio ▶ Methane number MN
Accuracy	▶ Measurement uncertainty < 1%
Maintenance-free and reliable	<ul style="list-style-type: none"> ▶ No moving parts ▶ No chemical reactions
Fast and consistent measurement	<ul style="list-style-type: none"> ▶ Viscosity data every 4,5 seconds ▶ Thermal conductivity and CO_2 reading every second
Additional features	<ul style="list-style-type: none"> ▶ Built-in inlet pressure control up to max. 10 bar ▶ Power supply: Battery supply, USB charging socket ▶ Plug-and-play installation

RMG
 ONE STEP AHEAD



RMG Messtechnik GmbH

Otto-Hahn-Straße 5
 35510 Butzbach
 Germany

Tel. +49 (0) 6033 897-0
 Fax +49 (0) 6033 897-130
 Mail info@rmg.com

www.rmg.com