

Product range

Calorimeter CWD



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Direct and continuous monitoring of gas quality.

The CWD instrument series (Calorimetry, Wobbe Index and Specific Density) comprises a range of combustion calorimeters for the direct and continuous determination of gas quality based on the following measured and calculated parameters:

- Wobbe-Index
- Specific density
- Heating and calorific value
- Combustion Air Requirement (CARI) and air demand, with integrated gas analysis



Gas characteristics, Wobbe index

The calorific value and gross calorific value are calculated from the measured values of the Wobbe index and specific density. When the CWD is expanded with gas analysis components, the air requirement or CARI can also be determined from the gas composi-

tion measured by these components. Thanks to its operating principle, the CWD detects all combustible gas components, which enables it to be used even for gases with rapidly changing compositions.



CWD Basic

- Basic version
- GP Analyzer



CWD Plus

- GP Analyzer



CWD DPC

- Class 1 Div 2
Groups B, C, D
T4 Type z-pur.



CWD SPC

- Class 1 Div 2
Groups B, C, D
T4 Type z-pur.



CWD EXP

- ATEX: II 2G Ex
pxb IIC T4 Gb
- IECEx: Ex pxb IIC T4 Gb



CWD HT

- Heated for light gases
Dew point ≤ 60 °C



UNION Instruments GmbH
Zeppelinstrasse 42, D-76185 Karlsruhe

Phone +49 721 6803810
Fax +49 721 68038133
info@union-instruments.com



www.union-instruments.com/en

