



viledon®

VILEDON CHEMWATCH ONLINE MONITORING SYSTEM

ANTI-CORROSION PROTECTION
AT A SINGLE GLANCE

FREUDENBERG
FILTRATION TECHNOLOGIES

 **FREUDENBERG**
INNOVATING TOGETHER

VILEDON CHEMWATCH ONLINE MONITORING SYSTEM

TURN ON. MEASURE. MONITOR.

Provide your electric and electronic devices with effective protection against corrosion caused by contaminant gases. Avoid efficiency losses in your processes, repairs and failures. As a technological leader in the industrial filtration of air, gases and liquids, Freudenberg Filtration Technologies also provides reliable protection for gas phase filtration. The Viledon® ChemWatch Online Monitoring System, in conjunction with our innovative filtration solutions, provides a reliable real-time way to record, observe and monitor corrosiveness in sensitive areas. The coupon method, which is also used, only provides integral measurements because readings are averaged out over a period of 30 days.

PLUG 'N' PLAY

All of the data is recorded and stored from beginning to end

AT A GLANCE

Time course and evaluation of all measurements
clearly visible on a large colour display

DECENTRALIZED DATA ACCESS

Simple and quick data transfer via LAN, WLAN, Bluetooth or
analog and digital interfaces

LOCAL DATA BACKUP

Stores at least 18 month worth of data – even after power failure

PROCESS SECURITY

Alarm signal shown on the device's LED display or sent by email*

FACILITATED DOCUMENTATION

Creating personal notes and linking them
to the measurement data

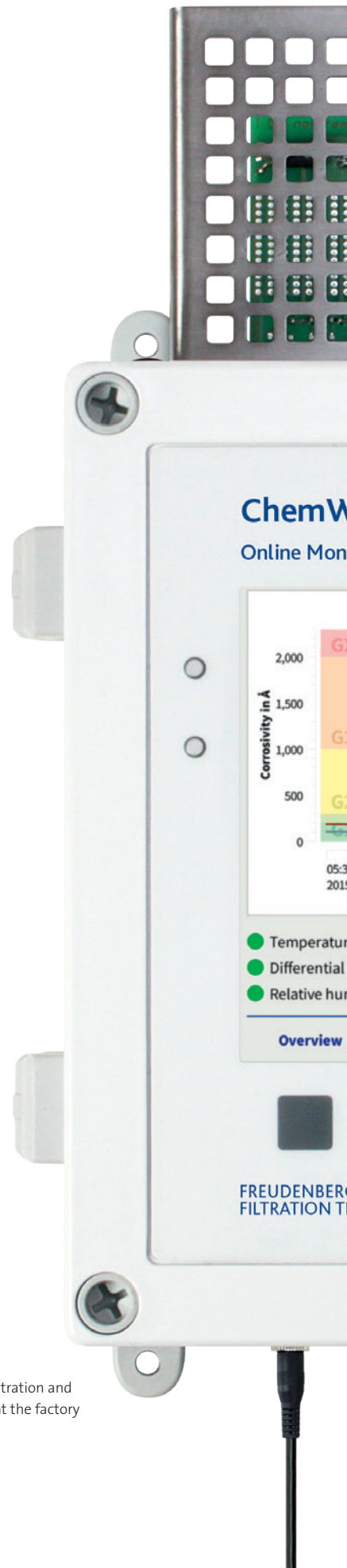
INDIVIDUALIZATION OF THE DEVICE

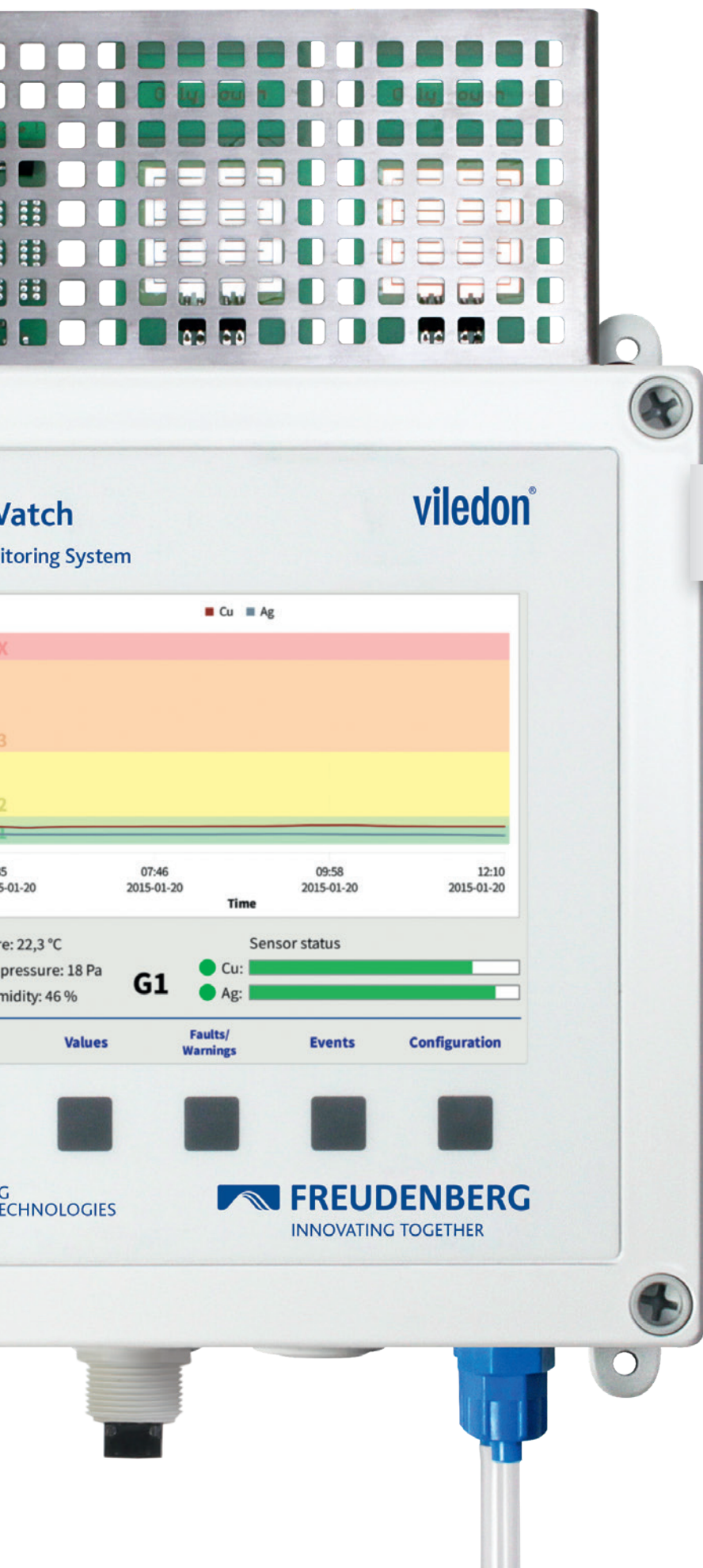
Individual adjustment of language, time zone,
units, measurement intervals and limits

DURABLE AND ALWAYS UP TO DATE

Gas-tight housing protects the device against corrosion,
always up-to-date with software updates

* Requires registration and
authorization at the factory





MADE IN
GERMANY

The Viledon® ChemWatch Online Monitoring System determines the corrosion class of gaseous media in accordance with standard ANSI/ISA 71.04-2013. The system calculates the corrosion rate (copper and silver), temperature, relative air humidity and the positive pressure in the room to allow a targeted analysis.

The system provides constant monitoring and quick results by using innovative sensor technology based on the principle of electrical resistance measurement. It is easy to install, resistant to vibrations, conforms to CE requirements and provides exact corrosion rates in metric and imperial units regardless of temperature fluctuations.

