

# MEASUREMENT SOLUTIONS

Meteorology & Wind Energy



**sales · service · rental**

GWU-Umwelttechnik GmbH



# Meteorological Systems

## WIND LiDAR SYSTEMS

Stand alone, trailer mounted and autonomous configurations.

Doppler Wind LiDAR - reliable and highly accurate measurements of Wind, Wind Profile and Turbulence Intensity.

Vertical Profiler, Nacelle mounted, and Scanning LiDAR Systems.



## AEROSOL & CLOUD LiDARS

Raymetrics has developed a wide range of highly customizable, fully automated and remotely operated LiDAR products. These are suitable for industrial and commercial uses as well as academic uses.

Example applications:

- Air Pollution Monitoring Stations
- Cloud Measurements, three dimensional
- Remote Dust Monitoring Systems
- ACTRIS Ready Systems



# Remote Sensing and In-Situ Instrumentation

## VISIBILITY

Present Weather

## LIGHTNING

Detection / Location

## ICING

Detection / Growth

Sensors and turn-key systems for almost every meteorological parameter and application based on 35+ years experience.



## METEOROLOGICAL SENSORS

- Wind Sensors (2D & 3D Sonic, Cup, Propeller, Wind Monitor)
- Temperature
- Humidity
- Barometric Pressure
- Cloud Height
- Precipitation
- Radiation
- Data Logger and Displays



...from science to industry!

# GWU-Umwelttechnik GmbH

## Off-Grid Solutions with SFC EFOY Pro

The new generation of methanol and hydrogen EFOY fuel cells are suitable for professional users.

EFOY fuel cells are the ideal power generators for a wide range of stationary and mobile industrial applications, reliably generating electricity for weeks and months without user intervention.

**Reliable Power, Anytime, Anywhere!**



## Experts for Meteorological Systems & Sensors

Your task is our challenge!

### **WE MEASURE – YOU RELAX**

GWU-Umwelttechnik GmbH has been supplying sensors and systems for wind, wind profile, and meteorology since 1986. A team of scientists and engineers offers a broad knowledge base that ensures you to get an optimum solution for almost all measurement tasks, including sensors, system integration, data storage and processing, as well as remote system access. GWU delivers systems and supplies services such as field measurement campaigns and data processing.

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