

COMPACT WEATHER STATIONS

The static sensor QUATRO



QUATRO

A wind and weather sensor used as a measuring station!

Application in high altitudes or other locations with extreme atmospheric conditions

for reliable and stable measurements of wind direction, wind speed, air temperature, air pressure and rel. humidity

Naval forces, coast guards and navigation

for data recording at sea as well as for support in navigation during landing and casting off manoeuvres in wind speeds of up to 85m/s

Civil protection, disaster control and military vehicles

for the determination of diffusion models, e.g. wind-dependent smoke direction in fire, for quick and purposive information

Meteorology

for weather forecasts for today, tomorrow and the day after tomorrow

Good to know! Everything for the protection of man, nature and technology.

The wind- and weather station

- for world-wide application in all climatic zones: the sensors with heater are resistant to freezing and seawater, shock- and vibration-proof acc. to marine and MIL requirements – proven, tested and always ready to use!
- for requirements of high accuracy and large ranges of measurement with thermal measuring principle and permanent compensation of air density
- for maintenance-free and wear resistant operation and longevity with immovable sensor elements as well as integrated surge protection
- for safe and professional data determination, display and transmission with NMEA-0183 report, [multifunction display METEO-LCD](#) and [SYNMET](#) data logging system

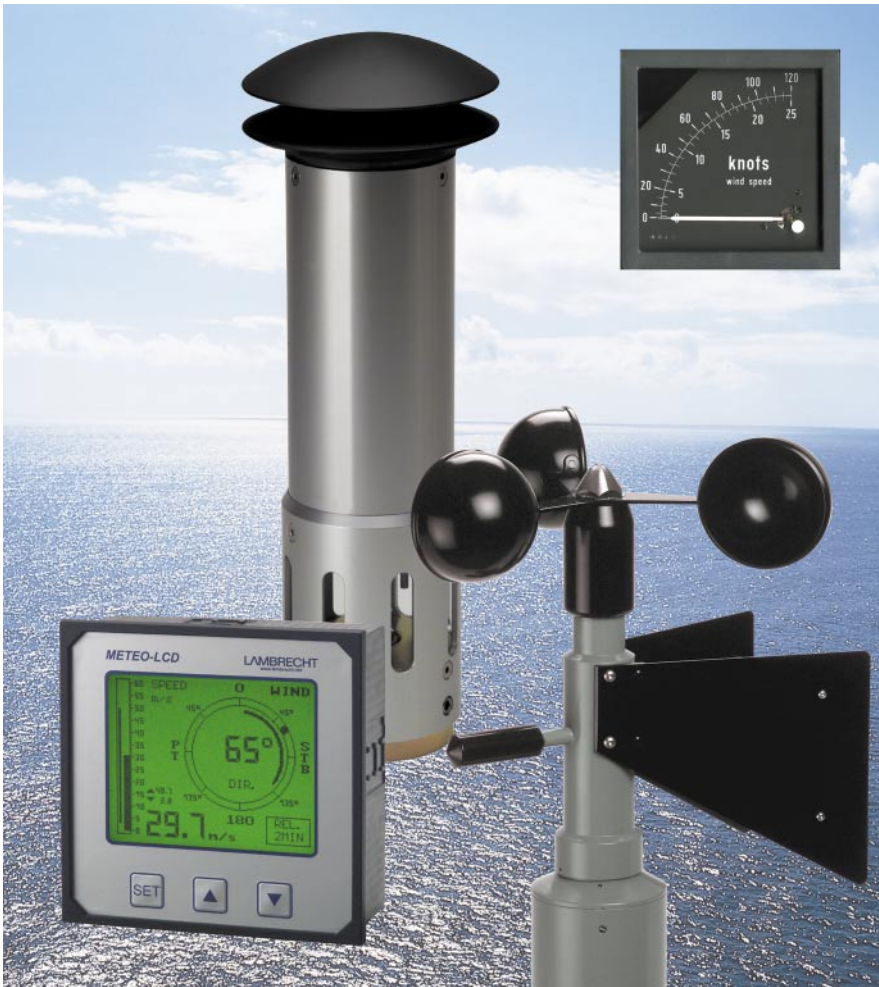
For long-term and universal application!

- room-saving installation on 50mm pole
- high accuracy through robust and compact housing, high-quality sensor elements as well as EMC plugs



SHIP WEATHER STATION

... with shock class A!



Specialized for the application at sea!

for the determination of reliable and up-to-date meteorological data: wind direction, wind speed, air temperature, air pressure, rel. humidity

Luxury Liners

wind measurement as navigational support for a quiet, recreative trip

Naval Ships

Own-ship data display, e.g. "Roll & Pitch" as well as evaluation of "bottom track" for reliable data: heading, true wind, as well as air pressure, temperature, humidity.

Container Ships

to support navigation during landing and casting off manoeuvres and for the optimization of fuel consumption.

additionally:

offshore-platforms - ports monitoring facilities - research ships - school ships - wind power plants

Good to know! Everything for the protection of man, nature and technology.

Shock- and vibration-proof – tested, proved and tried!

- for the use on all seven seas and all types of ships: LAMBRECHT metrology with proven technologies and materials
- with heated sensors: freezy-proof seawater and salt spray resistant, shock- and vibration-proof acc. to MIL-STD
- for long-term reliable operation with protective coating, immovable sensor elements, integrated accumulator, surge protection and EMC plugs
- for high accuracy and low starting values with non-contact measuring principle
- for efficient investments: application-oriented, [individual projects](#) with standard components, FAT-, HAT and SAT planning and realization and world-wide services
- for secure and professional data determination, display and transfer with NMEA-0183-report, high resolution multifunctional display and application oriented SYMMET-Ship-Interface.

See chapters for technical data and components

111

LAMBRECHT

