

List of European Manufacturers and Suppliers of Measuring Equipment

Commercial Research

Deutschland

Adolf Thies GmbH & Co. KG

Meteorologie – Umweltmesstechnik

Hauptstraße 76

D-37083 Göttingen

T: +49 (0) 551/790 01-0

F: +49 (0) 551/790 01-65

E: info@thiesclima.com

W: www.thiesclima.com

Person to turn to: Herr Stadie

Sensors for measuring of wind, precipitation, temperature, humidity, air pressure, radiation, as well as Dataloggersystems and software for all applications in the meteorology range. Certificate acc. DIN EN ISO 9001:2000, IEC 61400-121-CD

AMMONIT Gesellschaft für Messtechnik mbH

Paul-Lincke-Ufer 41

D-10999 Berlin

T: +49 (0) 30/612 79 54

F: +49 (0) 30/618 30 60

E: ammonit@ammonit.de

W: www.ammonit.de

Person to turn to: Christian Melzer

Development and production of Data Logger, Wind computer for site analysis, Data logger for collection all datas as required in meteorology and climatic research, Reliable and user-friendly measurement systems for wind energy predictions.

Campbell Scientific Ltd.

Campbell Park

80 Hathern Road

T: +44 (0) 15 09/60 11 41

F: +44 (0) 15 09/60 10 91

UK-Shepshed, Leics, LE12 9GX

E: sales@campbellsci.de

W: www.campbellsci.de

Person to turn to: Peter Hass

Durable data collection systems for precise and reliable windmessungen. Campbell's Datenlogger worked satisfactorily under rauen and extreme climatic

conditions, particularly with offshore installations. Flexible communication options make systems and/or networks for the production of appraisals and the monitoring of wind parks possible. In addition Campbell of data collection systems apply in structure monitoring projects, wetterstationen and with water management and environmental monitoring systems.

DALOG Diagnosesysteme GmbH

Am Mittleren Moos 48
D-86167 Augsburg
T: +49 (0) 821/747 77 10
F: +49 (0) 821/747 77 19
E: info@dalog.net W: www.dalog.net
Person to turn to: Dr. Franz Muschaweck

Tele-Diagnose, Tele-Service, Tele-Monitoring, remote mobile notification via E:, SMS, online/offline data change of parameters from the office, Measuring Services.

DMT Deutsche Montan Technologie GmbH

Am Technologiepark 1
D-45307 Essen
T: +49 (0) 201/172-16 66
F: +49 (0) 201/172-15 15
E: enginelogic@dmtd.de
W: www.enginelogic.de

- Online Condition Monitoring - Wind Safe®
- Structure-borne noise monitoring
- Early wear detection for bearings, gears and generators
- Tower fluctuation sensor

GWU-Umwelttechnik GmbH

Talstr. 3
D-50374 Erftstadt
T: +49 (0) 22 35/95 52 20
F: +49 (0) 22 35/75 63 2
E: info@gwu-group.de
W: www.gwu-group.de
Person to turn to: Günter Warmbier

Systems and sensors that measure wind, windprofile and meteorology wish also:
www.minisodar.de

HYTORC-S Barbarino & Kilp GmbH

Justus-von-Liebig-Ring 17
D-82152 Krailling (bei München)

T: +49 (0) 89/23 09 99-0
F: +49 (0) 89/23 09 99-12 od. -14
E: HYTORCS@aol.com
W: www.HYTORC.de
Person to turn to: Patrick Junkers

Hydraulic Torque Wrenches to 115.000 Nm, Hydraulic pumps to 700 bar, HYTORC-CLAMP maintenancefree mechanical LOAD-Nuts, HYTORC Load Discs, Turn by angle - Maintenance System based on the VDI-2230.

IGUS GmbH Ing. Gemeinschaft für Mess- und Verf.T.

Else-Sander-Str. 6
D-01099 Dresden
T: +49 (0) 351/829 56-60
F: +49 (0) 351/829 56-90
E: info@igus-dresden.de
W: www.igus-dresden.de
Person to turn to: Herr Neumann

Condition Monitoring for rotor blades, Measurement system for quality control of rotor blade production.

Land un Lüü GbR

Sandfuhrweg 40
D-26789 Leer-Nüttermoor
T: +49 (0) 491/35 72
F: +49 (0) 491/65 852
E: L.L-aeikens@t-online.de

Production of meteorological masts up to 80 m height. Erection, dismantling and transport by us. Leasing at 50 m height possible.

meteocontrol GmbH

Stadtjägerstr. 11
D-86152 Augsburg
T: +49 (0) 821/346 66 35
F: +49 (0) 821/346 66 11
E: windenergie@meteocontrol.de
W: www.meteocontrol.de
Person to turn to: Gerd Heilscher

Meteocontrol offers an Internet based Service Suite for wind energy consisting of weather information as well as wind power prediction, monitoring and services for maintenance purposes.

MTS Sensor Technologie GmbH & Co. KG

Auf dem Schüffel 9
D-58513 Lüdenscheid
T: +49 (0) 23 51/95 87-0
F: +49 (0) 23 51/56 49 1
E: info@mtssensor.de
W: www.mtssensor.de
Person to turn to: Moira Lise

Temposonics®: Magnetostrictive Position Sensors for Pitch-Control. Absolute and linear with analog and digital outputs.

Nes Mess- und Meldesysteme

Dipl. Geophysiker Lothar Viel
Langstr. 40
D-63526 Erlensee
T: +49 (0) 61 83/90 17 82
F: +49 (0) 61 83/90 17 83
E: nes-viel@t-online.de
W: www.nes-datalogger.de
Person to turn to: Lothar Viel

Manufacturing of datalogger for recording and wireless datatransfer (via GSM) of meteorological measuring data contract wind measurements with expertise of wind potential and yield prognosis.

SKF GmbH

Gunnar-Westerstraße 12
D-97419 Schweinfurt
T: +49 (0) 97 21/56 0
F: +49 (0) 97 21/56 60 00
E: werner.goebel@skf.com
W: www.skf.com
Person to turn to: Werner Goebel, Wolfgang Glaentz

Bearings, Bearing Units, Condition Monitoring, Lubricants, Mounting service, Engineering Calculations and dynamic Simulations.

TWK-Elektronik GmbH

Postfach 10 50 63, D-40041 Düsseldorf
Heinrichstraße 85, D-40239 Düsseldorf
T: +49 (0) 211/63 20 67
F: +49 (0) 211/63 77 05
E: info@twk.de
W: www.twk.de
Person to turn to: Frau Dr. Kohlgrüber, Herr G. Schulz

Shaft encoders, displacement transducers, Position indicators, inclinometers.

Wilhelm Lambrecht GmbH
Meteorological Instruments Germany
Friedländer Weg 65-67
D-37085 Göttingen
T: +49 (0) 551/49 58-0
F: +49 (0) 551/49 58-312
E: info@lambrecht.net
W: www.lambrecht.net

Development/manufacturing of meteorological instruments for all conditions and climate zones. Fields of application: naval industry, wind energy, offshore projects, airports. Partners in 60 countries.

Wilmers Meßtechnik
Hirschgraben 24
D-22089 Hamburg
T: +49 (0) 40/75 66 08 98
F: +49 (0) 40/75 66 08 99
E: info@wilmers.com
W: www.wilmers.com
Person to turn to: Walter Wilmers

Manufacturer and distributor of measuring systems for wind and environment, data loggers, anemometers, sensors for wind, climate and meteorology, weather stations, remote data transmission, software, complete wind measuring stations, mast and installation inclusive.

France

Campbell Scientific Ltd.
Campbell Park
80 Hathern Road
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UK-Shepshed, Leics, LE12 9GX
E: sales@campbellsci.co.uk
W: www.campbellsci.co.uk
Person to turn to: Stuart Cresswell

Rugged low power monitoring systems for accurate and reliable wind data. Campbell's reliable dataloggers are proven in harsh climates or extreme conditions – especially offshore sites. Flexible communications options provide systems or networks for site survey or wind farm monitoring. We also provide

datalogging systems for structural monitoring, weather stations, hydrology systems and environmental monitoring systems.

Great Britain

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W: www.igus-dresden.de
Person to turn to: Herr Neumann

Condition Monitoring für Rotorblätter an WEA (CM-RBL) – Condition Monitoring for rotor blades Messsystem zur Fertigungsüberwachung/Qualitätskontrolle von Rotorblättern – Measurement system for quality control of rotor blade production

Western Windpower

Axiom House, Station Road
GB-Stroud, Glos GL5 3AP
T: +44 (0) 14 53/75 94 08
F: +44 (0) 14 53/75 94 16
E: info@western-windpower.com
W: www.western-windpower.com
Person to turn to: Wendy Watson

- Wind monitoring equipment
- Class one (hurricane) windmast systems

- “Nesting” windmast systems
- Data logging packages

Western Windpower is Europe’s No.1 supplier of wind monitoring equipment. Established in 1992, we have over 10 years experience in the design, manufacture and use of wind monitoring equipment.

Complete systems for wind assessment in all climates and terrains.

The Netherlands

Energy research Centre of the Netherlands

Unit ECN Wind Energy

P.O. Box 1

NL-1755 ZG Petten

T: +31 (0) 224/56 41 15

F: +31 (0) 224/56 82 14

E: wind@ecn.nl

W: www.ecn.nl/wind

Person to turn to: H.J.M. Beurskens

Our staff of 50 highly skilled ECN employees carries out research on wind farm design, wind turbine technology, operating and maintenance of wind farms, and measuring and monitoring of turbines. ECN is ISO 9001 and 14001 certified and a full member of MEASNET. Our turbine performance and noise measurements meet the ISO 17025 requirements. We provide hardware and software for turbine data acquisition and processing and render comprehensive services for offshore meteo masts.

Spain

Campbell Scientific Ltd.

Campbell Park

80 Hathern Road

T: +44 (0) 15 09/60 11 41

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UK-Shepshed, Leics, LE12 9GX

E: sales@campbellsci.co.uk

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Person to turn to: **Stuart Cresswell**

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Person to turn to: Herr Neumann

Condition Monitoring für Rotorblätter an WEA (CM-RBL) – Condition Monitoring for rotor blades, Measurement system for quality control of rotor blade production.

Soverin Control, S.L.

Astintze Kalea, 2 (Edif. ELOR)

E-48160 Derio, Vizcaya

T: +34 (0) 94/454 33 33

F: +34 (0) 94/454 50 77

E: info@soverincontrol.com

W: www.soverincontrol.com

Person to turn to: Eduardo Ingunza

Manufacturer and distributor of measuring systems for wind and environment, data loggers, anemometers, sensors for wind, climate and meteorology, weather stations, remote data transmission, software, complete wind measuring stations, mast and installation inclusive.