

Wind Turbine Noise SLM-based System

Type i303

Noise Assessment
and Sound Power

SYSTEM OVERVIEW

Easy,
flexible,
& reliable

The Type i303
Wind Turbine
Noise System:

- Type approved
- Measurements according to standard
- Complete toolbox for consultants - Sound Power & Noise Assessment
- Simple and easy configuration—easy Setup
- No need for long cables—wireless
- Unattended automatic measurements
- Easy to carry—two suitcases and tripod
- Highly repeatable and accurate measurements

Type i303 can measure both noise emission and sound power on wind turbines using type approved Class 1 instrumentation. It includes weather station, weather protected enclosure, data logger, wireless outdoor CPE, wireless router and PC software.

With this comprehensive system:

- **Manufacturers** can define acoustic emission performance,
- **Operators** can check the expected acoustic emission performance of new or refurbished units, and
- **Planners & Consultants** can calibrate calculated environmental noise maps and investigate noise complaints

USES AND FEATURES

Uses

- Sound power and environmental noise measurement on wind turbines
- Environmental impact studies—planning
- Noise limit compliance for wind turbines
- Certification and assessment of noise complaints
- Cost-effective for wind turbine sound power

Features

- Wireless operation

- Automated test procedure
- Automated calculation and reporting
- Remote operation



