



Design registration No. 1431989

Dual-structure windscreen minimizes influence of wind noise during wind turbine noise measurements

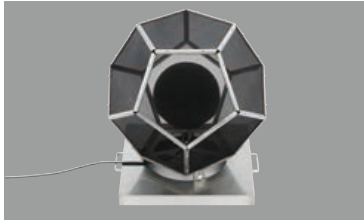
Dual Windscreen for Wind Turbine Noise Measurement TWS-01

- Compliant with noise meter installation height specifications in "Manual for Measurement of Noise from Wind Power Generation Installations" issued by Ministry of the Environment in 2017
- Used for Ministry of the Environment "Study on evaluation of influence on human impact of low frequency sound from wind power generation installations etc." *1
- Designed for use with High Precision Sound Level Meter NL-62 (with low-frequency measurement function) or High Precision Sound Level Meter NL-52 (Use with General Purpose Sound Level Meter NL-42 also possible)

Measurement system for noise from wind power generation installations

*1 Based on research conducted 2010 – 2012 by Prof. Hideki Tachibana (Professor Emeritus of the University of Tokyo, Research Director Chiba Institute of Technology)

Dual Windscreen for Wind Turbine Noise Measurement TWS-01



• Tripod mounting also supported

Microphone Extension Cables EC-04 Series

Class 1 Sound Level Meter **NL-62, NL-52**

Octave, 1/3 Octave Real-Time Analysis Program **NX-62RT, NX-42RT**

Waveform Recording Program **NX-42WR**

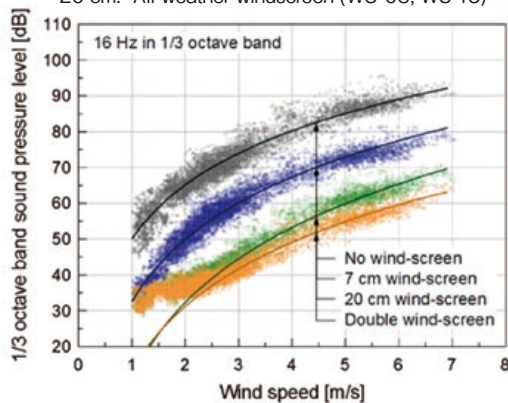
Waveform Analysis Software **AS-70**

Data Management Software for Environmental Measurement **AS-60/60RT**

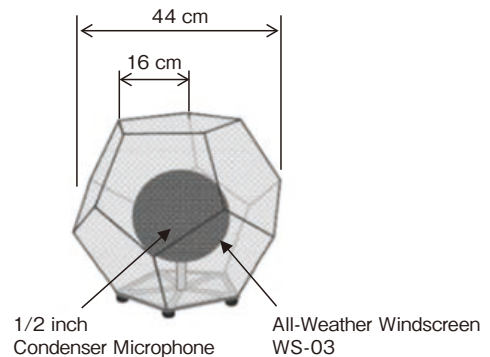


Wind speed/wind noise graph for various windscreens

7 cm: Windscreen (WS-10) supplied with sound level meter
20 cm: All-weather windscreen (WS-03, WS-15)



Dimensional drawing



Acoustic power level measurement system (JIS C 1400-11*2)

Windscreen KWS-03



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Waveform Analysis Software **AS-70**

Data Management Software for Environmental Measurement **AS-60/60RT**



*2 Wind power generation systems – Part 11: Measurement method for assessing acoustic radiation characteristics of wind turbines



JCSS
JCSS 0197

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* Specifications subject to change without notice.

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