

3-DIMENSIONAL ULTRASONIC ANEMOMETER

Model : WA-790

*The first step of the air flow monitoring
in a clean room starts by always using WA-790 !*



For the reality grasp of the air flow in a clean room.

An accurate breeze measurement is achieved.
Three-dimensional structure of the air flow is made visible.

For the planning and the evaluating on air flow in a clean room.

Proper arrangement of the device is supported.
The relation between the product quality and the air flow is offered.

Features

Measurement of 3-Dimensional Wind Velocity Components

With the combination of three axis of x, y and z, you can get very precise wind speed & direction.

Measurement of 0m/sec Wind Velocities and 0.5 sec in Response

Free from self heating, capable of measuring wind speed from 0m/sec.

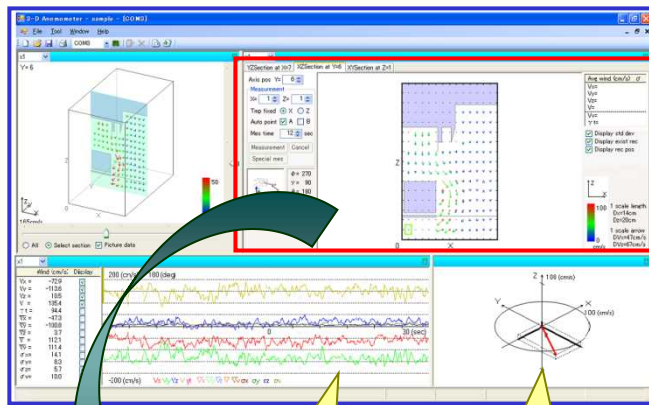
Measurement of Turbulent Airflow

Capable of measuring the turbulent airflow caused by the facilities, in the clean room.

Fluctuating Temperature/Humidity Effect Free Observation

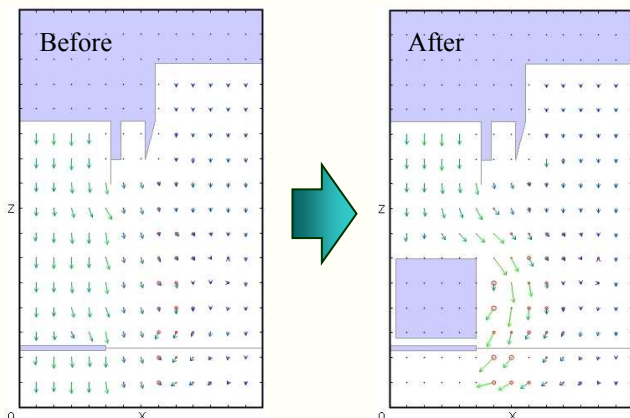
Theoretically zero error, free from the change in temperature.

About WA-790



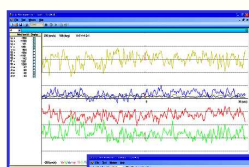
Raw data

Vector view

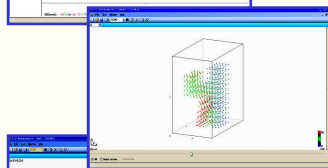


Get the images of air flow with you PC.

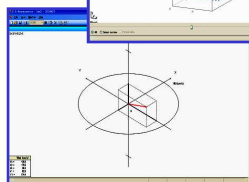
Variety of data processing functions



• Air flow monitoring,
data logging and playback.



• Multi points observation.
Multi angles viewing.



• Three-dimensional display
of the air flow distribution.

**Would you like to increase
the efficiency of measuring air flow.**

Specifications

Measurement mode : Time sharing transmission/reception
switching type ultrasonic pulse emission

Measurement range : 0 ~ 10 m/s

Accuracy : $\pm (2\% + 0.02 \text{ m/s of absolute value of indicated value})$
(At main wind direction after
measure zero adjustment)

Resolution : 0.005m/s (wind)

Power source : AC100 ~ 240V $\pm 10\%$

Attached software (WASP-007N)

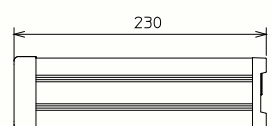
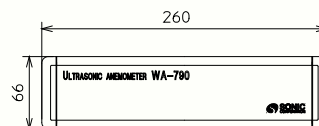
OS : Windows XP

Communication : USB port

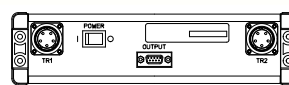
- Real-time monitoring
- Change of wind velocity is displayed on the pen plotter screen
- Data logging and playback
- Three-dimensional display of air flow
- Observing of multi points and Viewing of multi angles
- Data save in JPEG and AVI

Dimensions

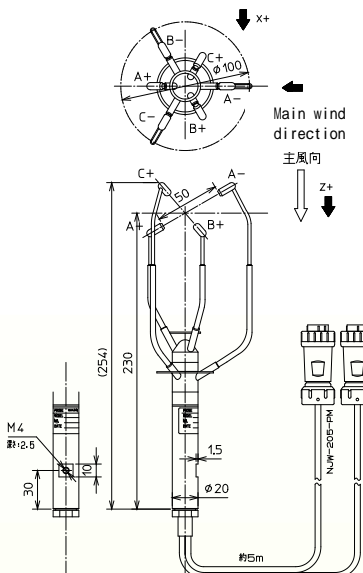
WA-790 Main Unit



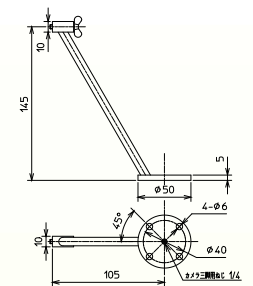
USC-70 Signal Converter



TR-90T Probe



Fixture



CAUTION FOR SAFETY : Please read surely INSTRUCTION MANUAL before operating

●Specification is subject to change without prior notice for improvement.

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