SONIC CORPORATION

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.

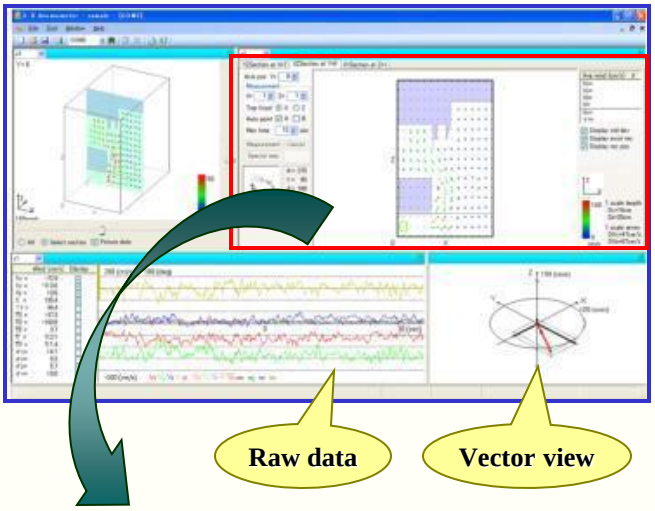
For the planning and the evaluating on air flow in a clean room.

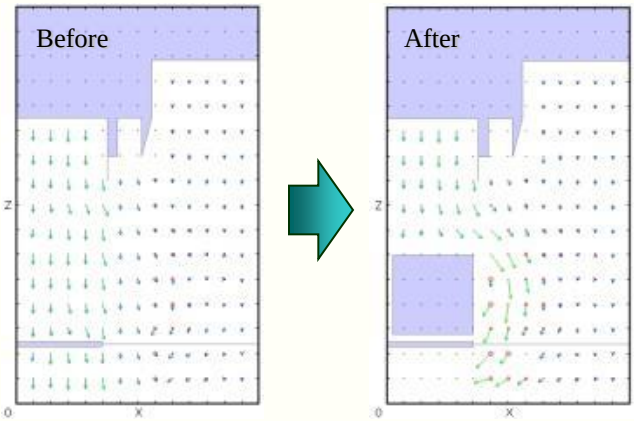
Proper arrangement of the device is supported.
The relation between the product quality and the air flow is offered.

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.

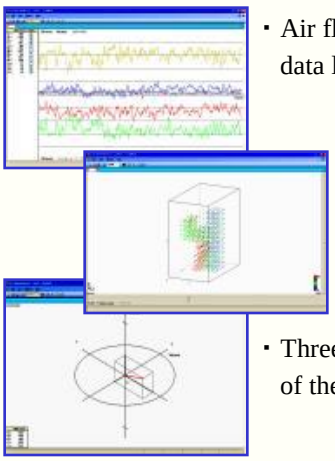
About WA-790





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

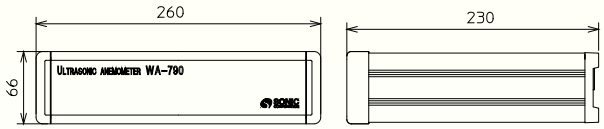
Measurement mode : Time sharing transmission/reception switching type ultrasonic pulse emission
Measurement range : 0～ 10 m/s
Accuracy : ±(2%+0.02m/s of absolute value of indicated value)
(At main wind direction after measure zero adjustment)
Resolution : 0.005m/s (wind)
Power source : AC100～240V±10%

『Attached software (WASP-007N)』
OS : Windows 7, 10
Communication : USB port

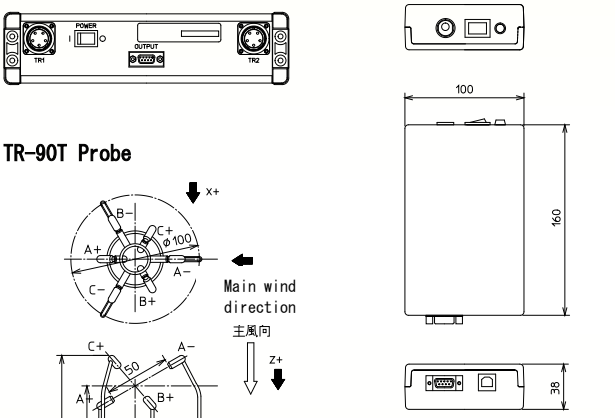
・Real-time monitoring
・Change of wind velocity is displayed on the pen plotter screen
・Data logging and playback
・Three-dimensional display of air flow
・Observing of multi points and Viewing of multi angles
・Data save in JPEG and AVI

Dimensions

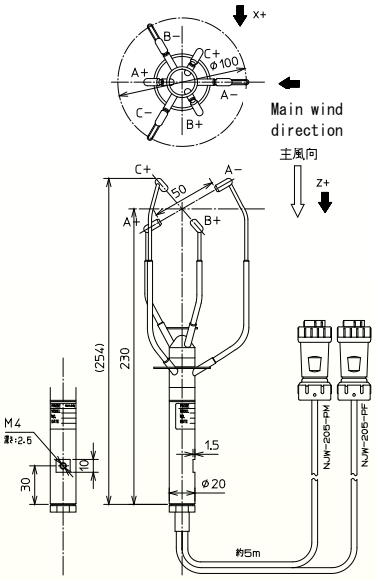
● WA-790 Main Unit



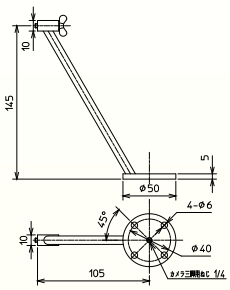
● USC-71 Signal Converter



● 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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