

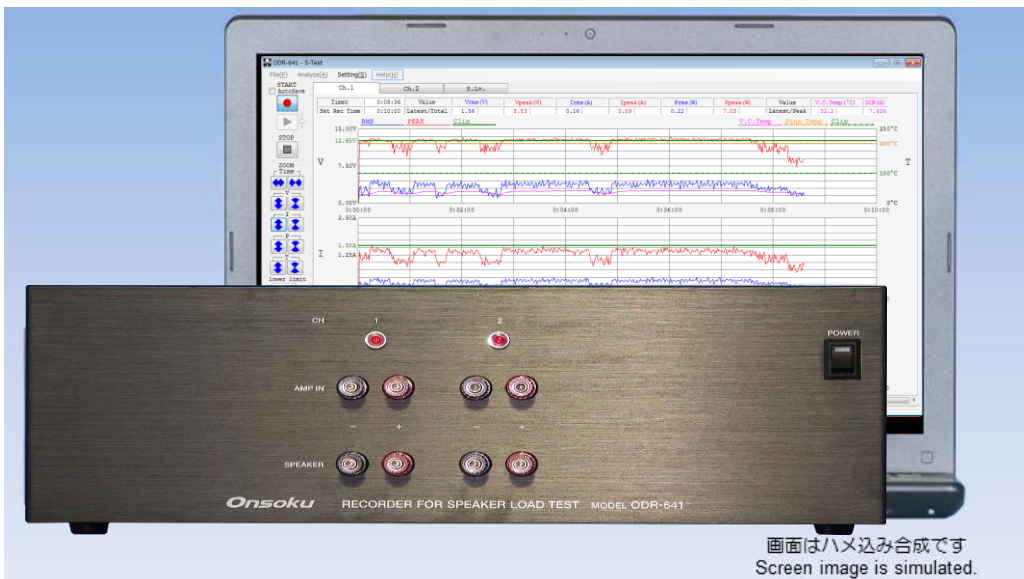
Load test data logger

MODEL ODR-641

Summary

This model measure a voltage, current, electricity and voice coil temperature of audio signal input to the speaker during load testing and record up to 100h.

Appearance figure



【Basic configuration】

- Main unit
- Laptop

【Optional accessories】

- ODR-641 exclusive viewer software ODR-639V

Can open a file recorded in an environment without the ODR-641 control unit,
Dedicated software that can perform frequency analysis and various analyses.

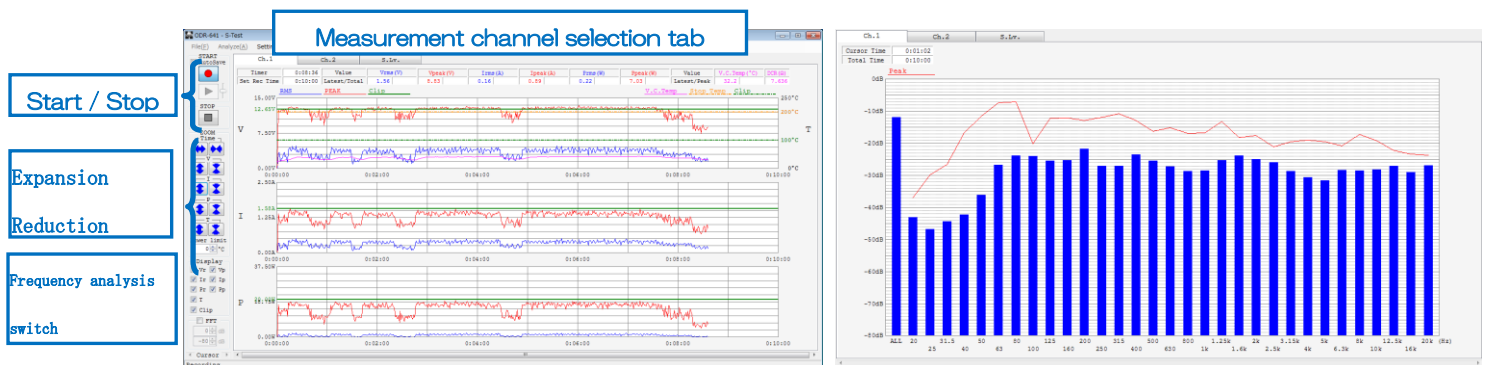
Specifications

[Record data analysis]

- Synchronized playback of recorded waveforms and audio signals and frequency analysis (arbitrary setting from 1/3, 1/6, 1/12oct.) are also possible.
- The effective value and peak value of the area specified by drag and drop can be displayed.
- This model can search, sort by any voltage, current, or power condition, and find the time.
- This model can save bookmarks (tagging) and comments at any time and search for them.

[File output]

- Save / read in proprietary format.
- CSV output of time stamp and RMS, current, power value, peak voltage, current, power value, sound pressure and voice coil temperature for each channel.
- Screen display to JPEG output.



| 【Basic performance】 | |
|---|--|
| Number of recording channels | Speaker : 2ch (voltage, current, power, voice coil temperature) |
| Recording time | Up to 100h every one second (selection of 1s / 10s / 1min / 1h) Up to 50h when frequency analysis 1/12oct. is selected |
| Voltage range | 30VPeak resolution 1mV |
| Current range | 10APeak resolution 1mA |
| The recoded value | Effective value, peak value (voltage, current, electricity) Voice coil temperature |
| Voice recording | 1 record channel of the voice in WAV format (1s recording mode only) |
| 【Detailed performance】 | |
| Voltmeter input impedance | 20kΩ |
| Ammeter | Through-type current sensor |
| Sampling frequency | 48kHz |
| The number of quantization bits | 16bit |
| 【Temperature / Humidity range】 | |
| 5°C to 35°C / 20% to 90% (No condensation) | |
| 【Power requirements】 | |
| AC 100, 110, 120, 220, 230, 240V ±10% (Voltage can be specified at the shipment 50/60Hz) | |
| 【Power consumption】 | |
| 10W | |
| 【Dimensions / Mass】 | |
| 350(W)×120(H)×310(D) / Approx. 6.4kg | |
| 【Accessories】 | |
| Power cable 1pcs. USB cable 1pcs. | |

Specifications are subject to change for improvement