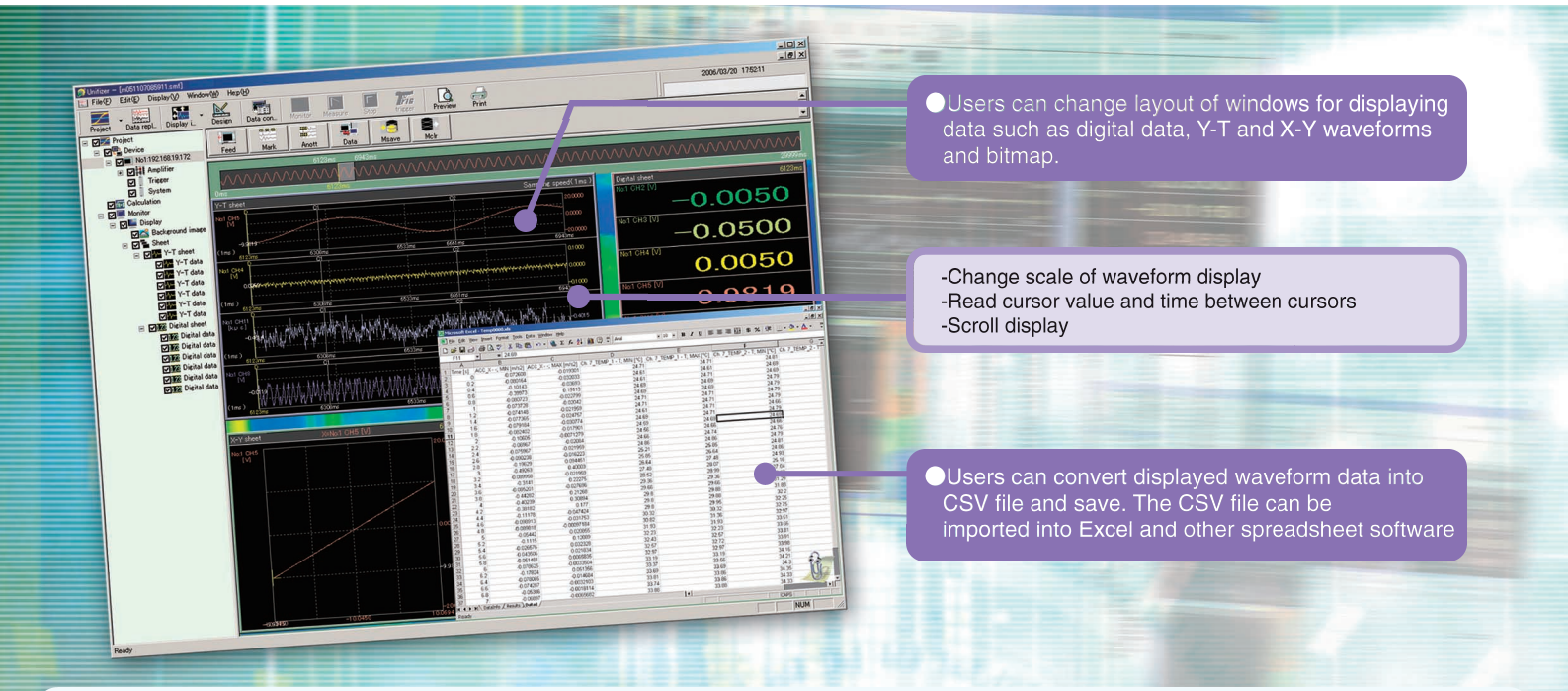
NEW

Platform Software for RA2300

Unifizer
NS3100

Connects RA2300 and the PC at existing LAN environment, and enables to remote control functions as data recording and various settings.

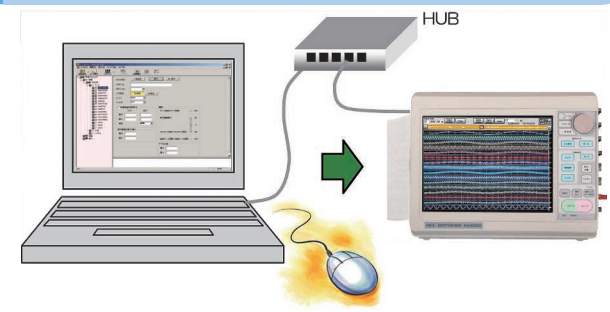


●Users can change layout of windows for displaying data such as digital data, Y-T and X-Y waveforms and bitmap.

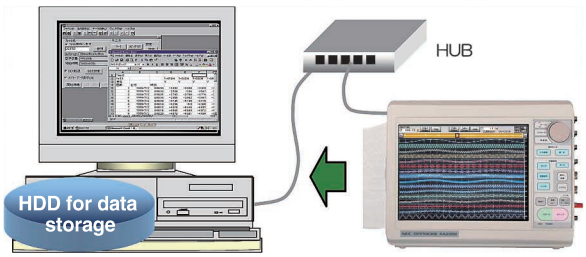
-Change scale of waveform display
-Read cursor value and time between cursors
-Scroll display

●Users can convert displayed waveform data into CSV file and save. The CSV file can be imported into Excel and other spreadsheet software

●Operations such as setting of RA2300 and start of measurement can be controlled from the PC at remote location.

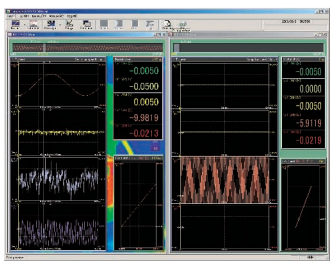


●Enables RA2300 to work as a front-end device and transfer/save measured data at real time on HDD of the controlling PC (Max 1ms)



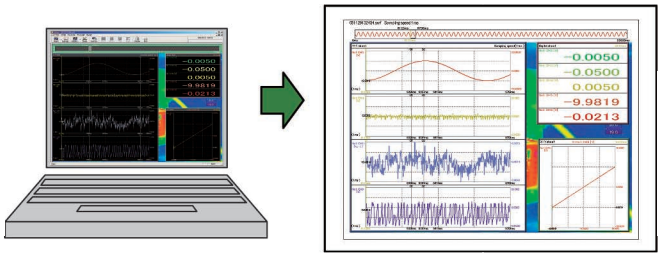
※**Max capacity:** up to approx half the free space of designated HDD of the PC

●Multiple measured data files can be replayed simultaneously for data comparison. Also, replayed data can be used for various calculations.



- Calculations between channels
- Power
- Square root
- Absolute value
- Common logarithm
- Exponent
- RMS
- Trigonometric function
- Moving average

●Users can generate reports of measured data easily.



ISO9001 JQA-1598
ISO14001 JQA-EM0260 HEAD OFFICE

NEC San-ei Instruments,Ltd.

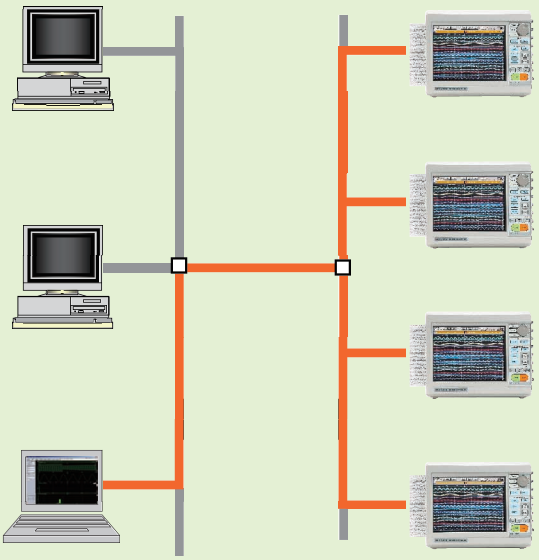
◆ Specifications

Required OS	・Windows2000/XP
Applicable Model	・RA2300
Interface	・LAN ・Maximum units to control: up to 4 units
Remote Control Mode of RA2300	・Pen recorder mode ・HD recorder mode ・Memory recorder mode ・Multi recorder mode ・X-Y recorder mode
Real-time Data Transfer Speed	・1ms to 1000ms (1ms step), 1 sec or over ・Max capacity: up to approx half the free space of designated HDD of the PC **Recommended CPU: 2GHz or better. Data transfer may be slower than the speed set by the PC CPU.
Real-time Data Display	・Y-T waveform, X-Y waveform (division or overlap displays), digital
Display of Replayed Data	・Y-T waveform, X-Y waveform(division or overlap displays), digital ・Data recorded on mainframes of RA1000 and RA2300. Extensions that can be replayed: .FSD, .FPP, DRT
Cursor Information	・Readings of value, time/amplitude differences of cursor 1 & 2. Max and min values between cursors.
Arithmetic Functions	・Calculations between channels, power, square root, absolute value, common logarithm, exponent, RMS, trigonometric function, moving average.
File Conversion	・Conversion to CSV file
Saving/Reading of Recording Condition Files	

◆ Configuration

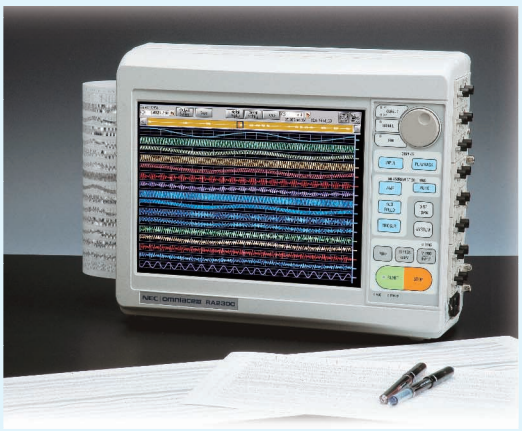
<Remote control via LAN>

●Any PC can control multiple RA2300s via LAN (up to 4 RA2300s)



Item	Model	Description
Unifizer RA Basic Set	NS3100-P01	For Windows 2000 or XP

Data Acquisition System RA2300



Unique & Easy "Pen Recorder" Mode

Easy operation like a pen recorder by the touch panel and virtual amp controls.

Large 12.1" Display

12.1" TFT color LCD for better visibility of measured data

Direct Sensor Inputs

11 amplifiers for various signals: voltage, strain, temperature, vibration, pressure, F/V, etc.

Long-term Continuous Recording on HDD

Built-in 40GB HDD provides 120 days recording at 10ms sampling on 16 channels

Fast-speed Printer as Standard

Fast printout up to 100mm/sec

**Specifications are subject to change without prior notice.

CAUTION FOR SAFETY

Please read "WARNING" & "CAUTION" in the operation manual attached to the product carefully for proper operation before using the product.

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