

Remote Monitor Add-On Software

This software program adds remote control functionality to the WE7000 Control Software (version 4.1.0.0 or later). It runs simultaneously with the WE7000 Control Software.

Overview

This software program provides a function that allows multiple PCs existing on the network connected via Ethernet or optical fiber cable to access the same measuring station. The measurement conditions of the measuring station can be monitored by multiple PCs. Sharing a single measuring station among several people (multiple PCs) enables efficient use of the instrument such as in a learning environment.

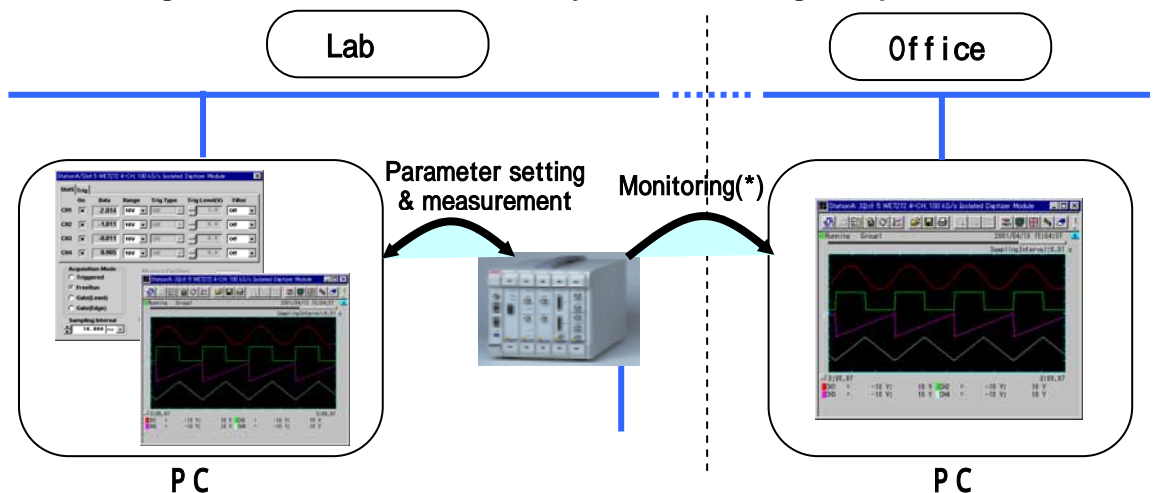


Main Functions

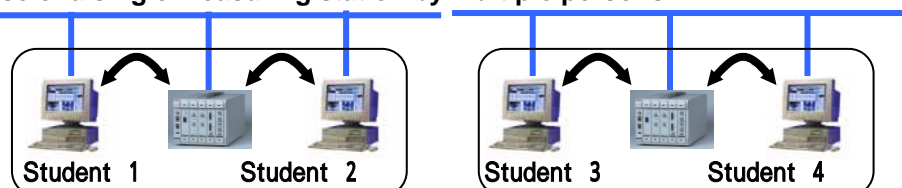
- Multiple PCs can use a single measuring station.
- Other PCs can monitor the waveform while one PC is performing measurements. Measurement parameters can also be viewed.
- Able to block other PCs from starting or stopping measurements or changing measurement parameters while one PC is using the measuring station (Access Authority Control).
- Able to block other PCs from controlling or viewing the measuring instrument (Lock function).

Connection Examples

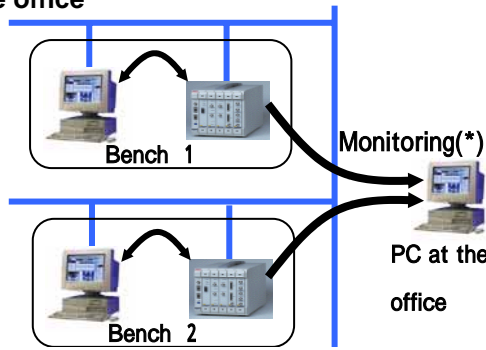
Example 1: Performing measurements in the laboratory while monitoring the operation from the office



Example 2: Use of a single measuring station by multiple persons



Example 3: Collectively monitoring the measurement conditions at each bench from the office



* Maximum number of waveform monitor pages that can be displayed is 2.

Specifications

Functions

- Display of remote PCs
Displays PCs in the same group that is running the Control Software in the station list window.
PCs outside the group can also be displayed.
- Obtaining and releasing access authority
A single PC can obtain the access authority of a single measuring station.
All controls are allowed against a measuring station on which the access authority has been obtained.
For measuring stations on which the access authority is not obtained:

- The User can display a monitor. (However, the maximum number of waveform monitor pages that can be displayed is 2.)
- Start/Stop and control from the operation panel are not allowed. View only.
- The user cannot set the scale conversion window. View only.
- The user cannot set the trigger setting window. View only.
- The user cannot save data and measured data.

Access authority is obtained in units of measuring stations. Obtaining access authority at the module level is not allowed.

- Lock and Unlock
Setting to prohibit other PCs from controlling a specified station. All controls are disabled on PCs that are locked out.
- Monitor display from PCs without access authority.
- Display of operation panel from PCs without access authority.
- Display of access authority and lock condition in the station list window.
- Access PCs and measuring stations belonging to different subnets.

* It is recommended that no more than two PCs simultaneously monitor a single measuring station.

Limitations

- Serial (RS-232C) communications is not allowed.
- Combination of different communications (Ethernet and optical fiber) are not allowed.
- Remote monitor function is not allowed on the GP-IB window of the WE7021 GP-IB Controller Module and the monitor of the assorted modules binding function.

YOKOGAWA ◆

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PC System Requirements

Hardware

- PC: A PC running Microsoft Windows 95/98/Me, Windows NT 4.0, or Windows 2000 Pro with a 166-MHz Pentium CPU or higher (400-MHz Pentium II CPU or higher recommended).
- Internal memory: 48 MB or more (128 MB or more recommended).
- Hard disk: Free space of at least 20 MB.
- Drive: 3.5-inch floppy drive, 1.44 MB MS-DOS format
(Used when installing the software.)
- Mouse: Mouse supported by Windows 95/98/Me, Windows NT 4.0, or Windows 2000 Pro.
- Display supported by Windows 95/98/Me, Windows NT 4.0, or Windows 2000 Pro with a resolution of 800 × 600. Analog RGB display with 256 colors or more recommended.

Communications

To communicate using the optical fiber cable, YOKOGAWA's WE7033/WE7034/WE7035/WE7036 Optical Interface card must be installed. It is recommended that the WE7035/WE7036 optical interface card and the WE7037/WE3078 Optical Interface module be used to construct the network.

To communicate by connecting to an Ethernet network (10BASE/T or 100BASE-TX), an NIC that supports Microsoft Windows 95/98/Me, Windows NT 4.0, or Windows 2000 Pro and a corresponding driver are required. It is recommended that the network environment be constructed using 100BASE-TX.

OS

Microsoft Windows 95/98/Me, Windows NT 4.0, or Windows 2000 Pro

Model

Name	Model
Remote Monitor Add-On Software	707703

Subject to change without notice.

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