



## Windows® software for Auto Distillation Tester, ADMgr for AD-6

With Tanaka automated distillation tester(s) and a PC, this supplemental software offers added functions. Up to 12 sets of automated distillation testers, model AD-6, can be connected. As standard, RS-485 bus is utilized.

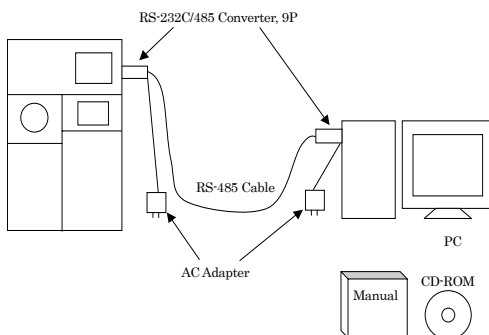
1. Monitoring each distillation tester at PC
2. Setting test parameters from PC
3. Receiving and storing distillation results at PC
4. Transmitting test results to other computer
5. Data base
6. Printing out the test results
7. Security protection



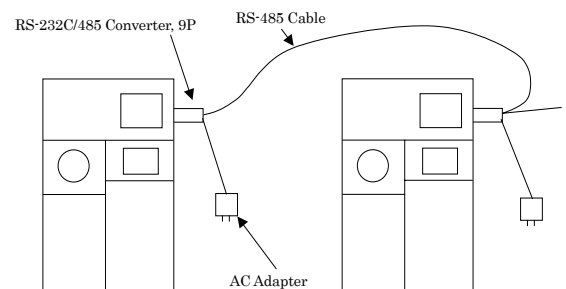
Monitor screen (detail mode)



Test Condition Editor screen



1<sup>st</sup> set of AD-6 is connected  
(ADMgr Standard Kit)



An additional set of AD-6 is daisy-chained  
(ADMgr Extension Kit)

### FUNCTIONS:

With up to 12 sets of Tanaka automated distillation tester model AD-6 and a PC, this supplemental software offers the following added functions:

#### 1. Monitoring each distillation tester at PC:

- 1.1. Outlook: Status of distillation testers. Status information includes: instrument number, % recovered, temp reading, time elapsed, bath temp and instrument status.
- 1.2. Detail: All the information included in the Outlook, plus: distillation parameters, test results, distillation curve, sample name, sample ID and operator's name.

#### 2. Setting parameters from PC:

- 2.1. Distillation test conditions: Importing/exporting distillation condition information between AD-6s and PC.
- 2.2. Calibration data: Importing/exporting temp calibration data between AD-6s and PC.
- 2.3. Others: Importing/exporting other detail parameters between AD-6s and PC.

#### 3. Receiving/storing test results at PC:

Once a test is completed, the result is received at PC, each data point is compared against preset reference data, deltas are computed, and whether the deltas are within limits is determined.

#### 4. Transmitting test results to other PC:

Once a test is completed, the data can be transmitted to other PC through RS-232C port. The data format is programmable and may include: total recovery, % loss, sample name, sample ID, date, time, operator name, barometric pressure, temp reading, and corrected temp reading.

#### 5. Data base:

- 5.1. Data search: Data can be searched by:  
"Easy" Search: by date or sample name.  
SQL Search: by entering SQL query
- 5.2. Data display/compilation:  
Outlook: Either all the data or searched data is displayed in a table format.  
Individual data: Selected data is displayed. Data can be compiled.

- 5.3. Referencing: For any given % recovered of a distillation test, up to 14 sets of reference temperatures and temperature ranges can be set so that the distillation test can be validated. The reference setting information is stored as a part of the test parameter so that the setting can be called up by referencing the test parameter.
- 5.4. Data output: The data on the database can be exported in Microsoft Excel format.
- 5.5. Graphical presentation: Any 2 distillation graphs can be displayed simultaneously for comparison.
6. **Printing out the test results:** The displayed test result can be printed out.
7. **Security protection:** Passwords can be set with 2 security levels: Administrator level and User level. The password function may be disabled.

### SYSTEM REQUIREMENTS:

IBM PC/AT compatible personal computer with Windows 2000/XP/Vista operation system. Pentium®300MHz or faster  
Minimum of 128MB RAM, 1 set of RS-232C port (9p) (Two ports necessary when using the distillation result transfer function) and CD-ROM drive. If a CP has only USB port, a RS-232C/USB Converter is required.

### ORDERING INFORMATION:

1. **Standard Kit:** For the first set of AD-6. This kit includes a CD-ROM containing the software and all the necessary cables and two converters (RS-232C to RS-485, 9P) and two AC adapters.
  2. **Extension Kit:** For an extra set of AD-6. This kit includes all the necessary cables and converter (RS-232C to RS-485, 9P) and an AC adapter for adding an AD-6.
- \*: As an option, Single-post Configuration Kit is available in case only one set of AD-6 is connected. This economical solution utilizes a less expensive RS-232C cable. This kit includes a CD-ROM, RS-232C cable (9P-9P) and manual.

*Note- ADMgr software for AD-6 is an upgraded type of previous version. This software can work with not only AD-6 but also AD-5 series. Converters for AD-6 and AD-5 series are different.*

Specifications are subject to change without prior notice.

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