

Operated by Windows machines High functions and High Speed

CATAMS® Windows

Tank Data Monitoring Software

GENERAL

CATAMS Windows is a Software for Tank Data Monitoring which has been developed based on Tokyo Keiso's long time experience and know-how on Tank Monitoring.

It can be operated by personal computers which are easily available.



STANDARD SPECIFICATION

- Delivery : By CD-ROM
- Operational condition
 - Personal computer : PC with Windows XP SP3

or Windows 7

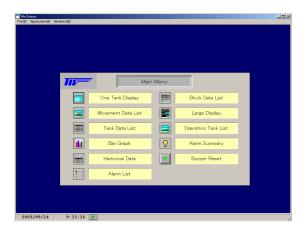
- CD-ROM drive to be provided
- Indication screen size : 1024 x 768 Pixcel or more
- MOUSE and key board to be provided
- Communication Port : Serial Minimum 1 port

Parallel 1 port

- BASIC Functions
 - □ 12 different screens are provided.
 - □ Operation through MOUSE
 - ☐ Real time data of selected tanks and its setting parameter
 - □ Transfer data after loading/unloading
 - □ Data indication of all tanks
- ☐ Liquid level indication by Bar Graph
- □ Data historical
- □ Data printing (Edition by Microsoft Excel etc.)
- □ Error code and details
- ☐ Monitoring of tanks in operation
- □ Alarm Historical Data

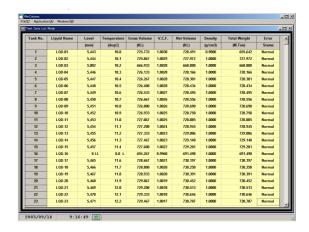
SAMPLE OF DISPLAY

Main Menu Mode



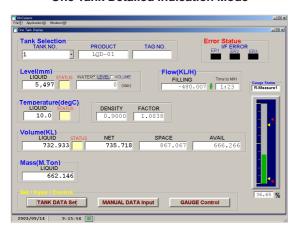
• Each mode can be selected by MOUSE Operation.

Tank Data List Mode



• Status of All Registered tanks can be monitored.

One Tank Detailed Indication Mode



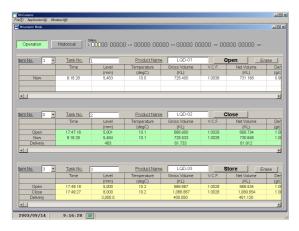
- Real time data and setting parameters of selected tank are indicated.
- Operating parameters of selected tank can be changed through this mode
- Remote control of FW-9000 Super intelligent Servo Gauge can be conducted.

Bar Graph Mode



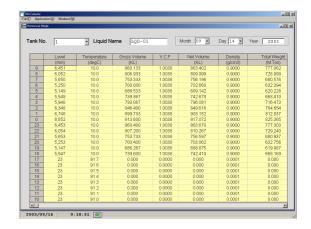
- Liquid level is indicted by Bar Graph
- Operating condition status such as stable and loading/unload ing are identified by colour of the bar.
- Grouping of tanks can be adjustable through System Data Change Mode.

Loading/Unloading Mode



- Start and end time for specific tank can be registered. Trend of volume change can be monitored.
- These trend of volume change is stored anc can be recalled.

Historical Data Mode



 Trend of All Registered tanks with 1 hour interval is recorded and indicated.

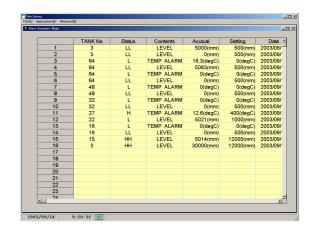
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Block Data List Mode



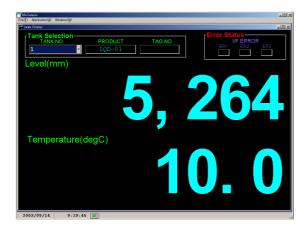
 Acceptable changing volume can be programmed in System Data Change Mode.

Alarm Historical Mode



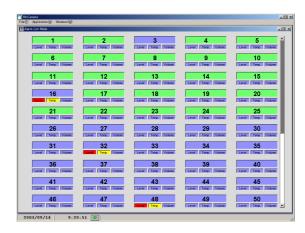
• Actuation and recover of alarm status is recorded and can be recalled.

Large Size Indication Mode



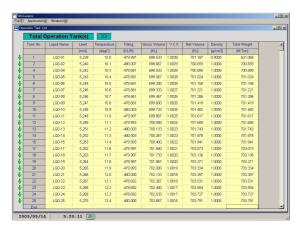
 Level and temp. data of specified tank is indicated in large size for easy reading from distance.

Alarm Status Confirmation Mode



 The present status of all tanks (alarm, error, operation status) are shown and identified by changing colours.

Operating Tank List Mode



- Volume movement is monitored to check the operation status.
 Movement value is programmable.
- Programming can be conducted through System Data Change Mode.

System Data Change Mode

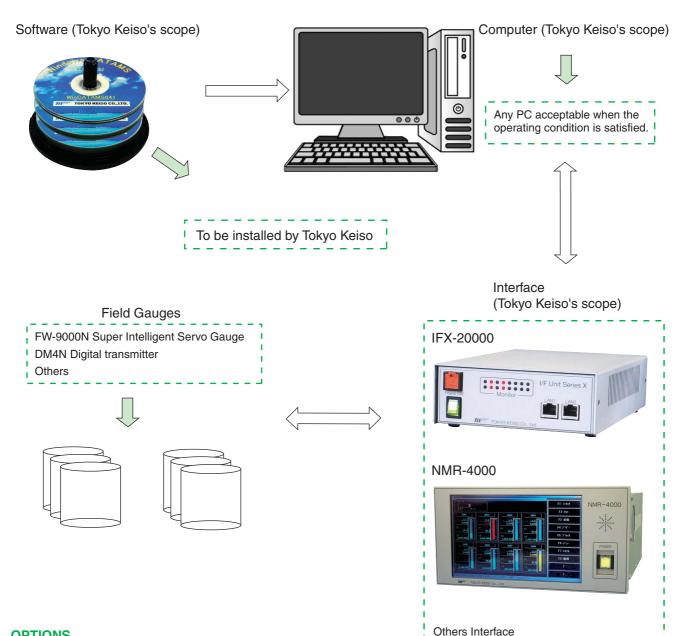


- Pass word system is arranged to avoid unauthorized access.
- Grouping, Printing contents, Alarm handling etc. can be programmed.

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INSTRUMENTS FOR SYSTEM



OPTIONS

In addition to standard CATAMS Windows, the following optional functions are available on request;

- 1) Tank table registration
- 2) Custom made software
- 3) Data communication with DCS, PC, etc

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* Specification is subject to change without notice.



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