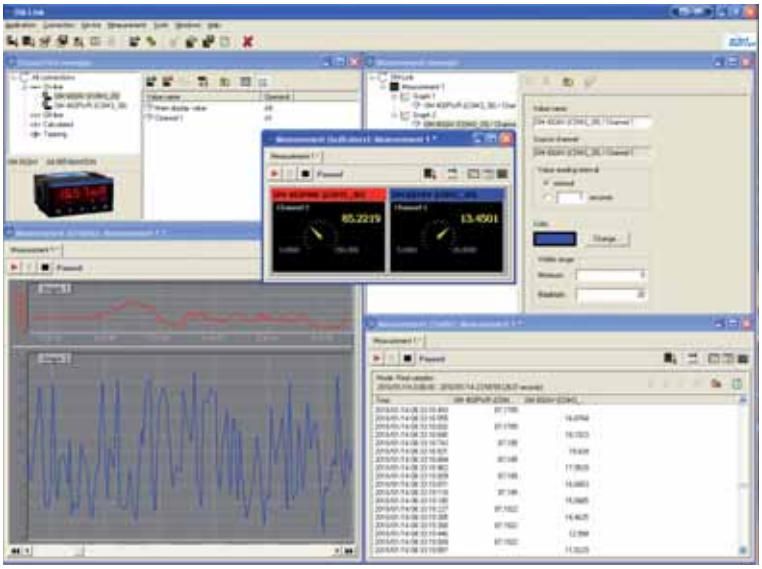
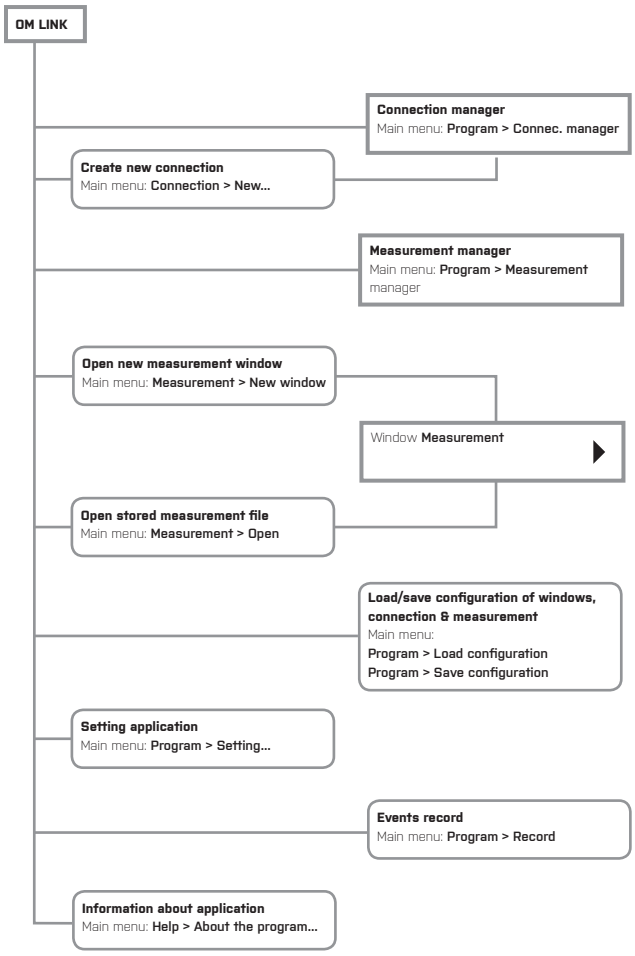
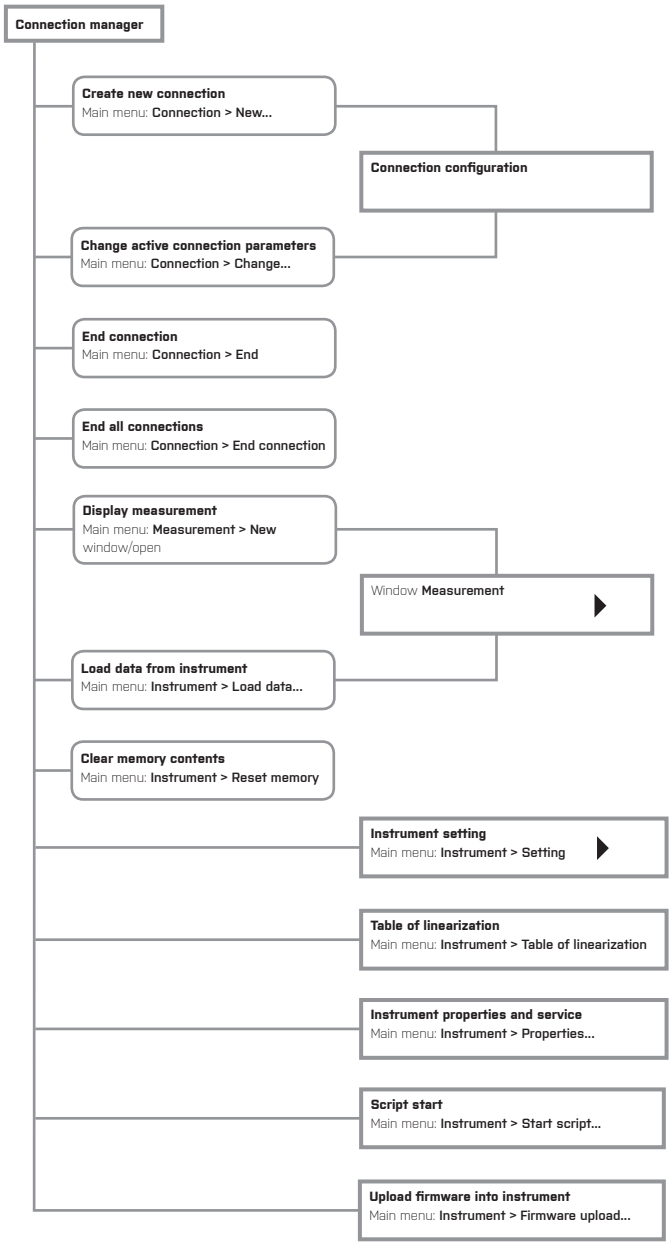
OM LINK

The program OM Link is designed for easy configuration, operation, firm- ware upgrade of instruments and converters and for visualization of the measuring process. The new ORBIT MERRET instruments include the OM Link interface in their standard features. To connect to PC an OML cable is required (version USB or RS232).

The program may be used for configuration (1 instrument) or data collection via RS 232 and RS 485 line, more suitable for on-line connection during operation.







CONNECTION MANAGER

Connection manager facilitates creating and cancelling connections, provides their list classified as per Type, noting the basic parameters and measureable values (channels), and serves as home location for starting measurements, configuring the OM instruments, projecting their properties etc.

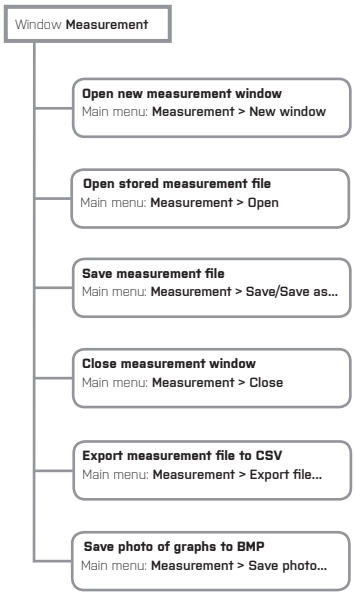
Connection is the key entity of the OM link application - it represents physical or virtual connection with an OM device and is the basic subject of many application functions.

Connection modes:

- **On-line**, represents a physical connection to an OM device.
- **Off-line**, serves for projection of instrument menu and its configuration for later use in the on-line mode.
- **Mathematic**, represents a mathematical operation with measured data acquired from other connections (on-line)
- **Line tapping,**, serves to analyse communication in progress among autonomous mesuring systems

MEASUREMENT MANAGER

Measurement manager facilitates creating and cancelling measurement files, graphs and individual data, provides their structured overview and enables modification of graph and value parameters.



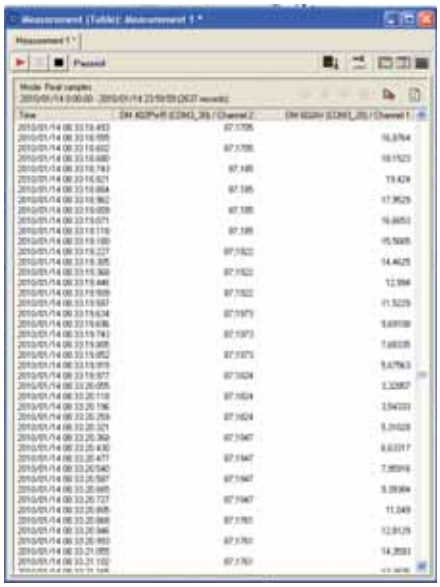
WINDOW MEASUREMENT

Window Measurement provides view of historic and current process of measuring certain quantities and their groups. The window offers three possible modes of viewing the measured data:

1) graphs - they reflect the historic course of measurement in selectable time range. By means of the control panel in this mode it is possile to shift the displayed time period, modify the displayed time range (from 1 sec up to 15 days) and set additional parameters of graph projection , (names, date on time axis).

2) Indicators – they show current values of the measured data

3) Table – depicts the history of the measuring process in table numeric format.



By means of the control panel in this mode it is possible to switch between the projection of interpolated values in particular time steps and the projection of truly taken sample values.

The graph and table modes also enable to discontinue the measurement in process and restart it again. At the same time it is also possible to specify whether upon restarting the process the measurement retains its former course (history) and the measurement is reassumed or whether it starts anew and the history is cancelled.

Values from the instrument may be added to the measurement e.g. from the Connection manager by selecting certain instrument channel from the on-line connection (or calculated connection or line tapping connection) and dragging it over to the Window Measurement. This way new values (quantities) may also be incorporated in already existing graphs (in case of graph mode), i.e. two quantities in one graph with common standard and time axis.

Structuring the quantities and graphs and changing their parameters (names, ranges, colors) may also be performed in Measurement Manager.

DEVICE SETUP

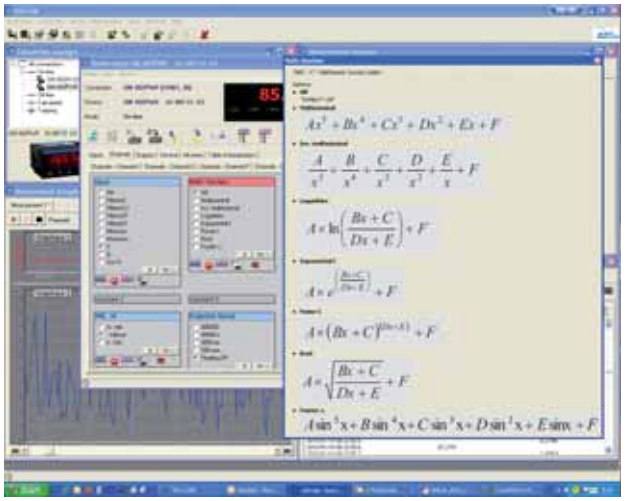
One of the main features of the OM Link program is the opportunity to set up the instruments comfortably from your computer.

- Setting the device values and parameters
- View of the complete setting menu (PROFI/LIGHT/USER)
- Individual configuration of the complete menu
- Device setup export and import

All existing items may be set, even those that are inaccessible or blocked in the instrument.

In majority of the items on the instrument menu their attribute may be set for the "User menu" (see/change/ hide) and in addition it is possible to remove or add any item from the "LIGHT menu". Client menu of the instrument may be compiled eventually this way for given application and level of service proficiency.

Each setting of the devicemenu may be stored in a file and used for configuration of other instruments. An advantage is also the possibility of sending complete menu via e-mail directly to the technical support of the manufacturer.



In Properties and Service you will find complete information about the instrument

OMLINK