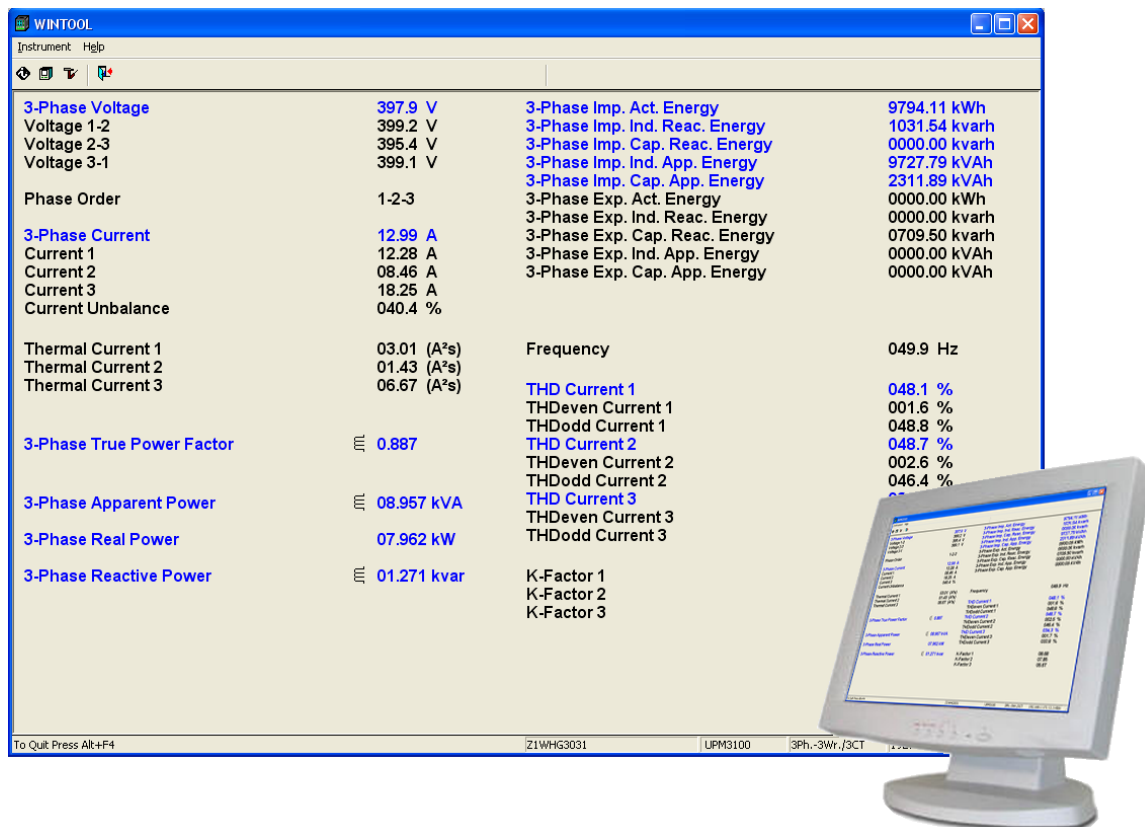


# WINTOOL



## Power Meters Management Software

User Manual  
English

# **WINTOOL**

**Power Meter Management Software**

USER MANUAL

(STANDARD & MODBUS Protocol)  
Version 3.19 or Later

EDITION: MAY 2012

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# 1. INTRODUCTION

The function of this application is to program the analysers in the work-area, monitoring the electrical measurement.

The software allows:

- monitoring of the electrical parameters acquired by the instrument
- programming of the most important functioning parameters

WINTOOL works on a IBM-compatible PC in a Microsoft Windows® 95 / 98 / 2000 / NT™ 4.0 / XP / Vista / 7 / 7 64-bit environment.

## 1.1 HOW TO USE THIS MANUAL

In the first part there is a detailed description of the hardware features and the procedures to follow for the software installation.

The following part describes the software use.

## 1.2 GRAPHIC SYMBOLS

Some instructions in the manual are highlighted by graphic symbols to draw the reader's attention to the operational dangers. The following graphic symbols are used:



**ATTENTION:** This symbol indicates the possible occurrence of an event which may cause a light accident or damage the instrument if suitable precautionary countermeasures are not taken.



**NOTE:** This symbol indicates important information which must be read carefully.

# 2. INSTALLATION

Before starting to use WINTOOL on the PC, it is important to carry out the whole installation procedure.

In this chapter the PC hardware requirements and the installation procedure are described.

## 2.1 PC REQUIREMENTS

Before using WINTOOL it is necessary to check if the PC is compatible with the software.

Suggested configuration:

- IBM-compatible PC (Pentium 2 or higher recommended)
- Operating system Microsoft Windows® 95, 98 , 2000, NT™ 4.0 Workstation, XP, Vista, 7, 7 64-bit
- At least 10 MB of free space on the hard disk
- SVGA graphic boards
- Mouse and keyboard
- Serial RS232 communication port and/or LAN connection

## 2.2 SOFTWARE INSTALLATION

Procedure for the installation of the program on the hard-disk.

1. Turn on the PC and wait until Microsoft Windows® environment has been loaded.
2. Insert the provided CD-ROM into your system's CD reader.
3. Select *Run* from the list displayed pressing the Windows *start* key.
4. Type "X:\SETUP" and press <ENTER>, where X is the PC CD-ROM drive letter where the disk was inserted. It will automatically carry out the installation program.
5. At the end of the setup, the WINTOOL program group will appear.
6. To start the software, double-click on the WINTOOL icon.

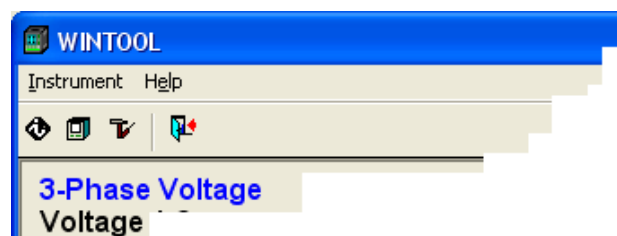
## 2.3 RUN AND BRIEF DESCRIPTION

For the connection modes of the WINTOOL it is necessary to refer to the user manual of the instrument. Our advice is to use isolated converters to avoid ground loop occurrences that could damage the computer.

The window which appears automatically at the moment of the program activation allows the selection of the communication parameters. For more details, see section 4.1

### 2.3.1 MAIN MENU

The main menu bar items are the following:



*Instrument*  
*Help*

Different setup functions.  
Help and about functions.

## Instrument Menu

The *Instrument* menu offers the following items:

Connection Setup...	Shift+F1
Ethernet Interface	
Setup...	Shift+F9
Information ...	Shift+F10
Language	▶
Exit	Alt+F4

<i>Connection Setup</i>	Displays the window which enables the setup of the communication parameters (the logical number of the connected meter, the TCP/IP connection parameters and the protocol type).
<i>Ethernet Interface</i>	Displays the window that enables the setup of the Ethernet interface parameters for a desired instrument.
<i>Setup</i>	Displays the window that enables to program the instrument connected to WINTOOL.
<i>Information</i>	Displays information about the connected instrument and the connection status.
<i>Language</i>	Allows to select one of the available languages.
<i>Exit</i>	Exits from WINTOOL.

## Help Menu





The *Help* menu offers the following items, which provide you with assistance about this application:

Help	Ctrl+H
About ...	

<i>Help</i>	Provide help about the application.
<i>About</i>	Information about WINTOOL (version and copyright).

## 2.3.2 TOOLBAR

The toolbar is displayed on the top of the main window, under the main menu bar. The toolbar provides quick mouse access to WINTOOL functions.

Short Cut	Key	Operation
[Shift + F10]		"Information" window
[Shift + F9]		"Instrument Setup" window
[Shift + F1]		"Connection Setup" window
[Alt + F4]		Exits from WINTOOL



### 2.3.3 STATUS BAR

The status bar is displayed at the bottom of the WINTOOL window.

The left area of the status bar describes the actions of menu items, when keyboard is used to select menu items. This area similarly shows messages that describe the actions of toolbar keys as you press them, before releasing.

The right area of the status bar gives different information on the connected instrument:

- serial number
- instrument type
- wiring diagram
- used communication port
- communication speed

## 3. INSTANTANEOUS VALUES PAGE

The main page is displayed automatically at the start of the program and contains all the variables measured by the connected instrument in realtime. The displayed variables depend on measurements carried out by the connected instrument.

<b>3-Phase Voltage</b>	397.9 V	<b>3-Phase Imp. Act. Energy</b>	9794.11 kWh
Voltage 1-2	399.2 V	<b>3-Phase Imp. Ind. React. Energy</b>	1031.54 kvarh
Voltage 2-3	395.4 V	<b>3-Phase Imp. Cap. React. Energy</b>	0000.00 kvarh
Voltage 3-1	399.1 V	<b>3-Phase Imp. Ind. App. Energy</b>	9727.79 kVAh
Phase Order	1-2-3	<b>3-Phase Imp. Cap. App. Energy</b>	2311.89 kVAh
<b>3-Phase Current</b>	12.99 A	<b>3-Phase Exp. Act. Energy</b>	0000.00 kWh
Current 1	12.28 A	<b>3-Phase Exp. Ind. React. Energy</b>	0000.00 kvarh
Current 2	08.46 A	<b>3-Phase Exp. Cap. React. Energy</b>	0709.50 kvarh
Current 3	18.25 A	<b>3-Phase Exp. Ind. App. Energy</b>	0000.00 kVAh
Current Unbalance	040.4 %	<b>3-Phase Exp. Cap. App. Energy</b>	0000.00 kVAh
Thermal Current 1	03.01 (A²s)	<b>Frequency</b>	049.9 Hz
Thermal Current 2	01.43 (A²s)	<b>THD Current 1</b>	048.1 %
Thermal Current 3	06.67 (A²s)	THDeven Current 1	001.6 %
<b>3-Phase True Power Factor</b>	0.887	THDodd Current 1	048.8 %
<b>3-Phase Apparent Power</b>	08.957 kVA	<b>THD Current 2</b>	048.7 %
<b>3-Phase Real Power</b>	07.962 kW	THDeven Current 2	002.6 %
<b>3-Phase Reactive Power</b>	01.271 kvar	THDodd Current 2	046.4 %
		<b>THD Current 3</b>	034.3 %
		THDeven Current 3	001.7 %
		THDodd Current 3	033.8 %
		<b>K-Factor 1</b>	08.68
		<b>K-Factor 2</b>	07.85
		<b>K-Factor 3</b>	05.67

The refresh time of the values depends on the communication speed between the PC and the instrument.

## 4. MAIN WINTOOL FUNCTIONS

### 4.1 CONNECTION SETUP

This window enables to set all the communication parameters between the PC and the instrument.

Fields description:

<i>Line Speed</i>	Communication speed selection in case of COM Port connection: 300, 600, 1200, 2400, 4800, 9600, 19200, 38400 or 57600 baud
<i>Parity</i>	Parity bit: None, Even, Odd.
<i>PC Port</i>	PC communication port used for the connection. WINTOOL detects and displays all the COM ports available in the PC.
<i>TCP/IP</i>	Select this checkbox in case of communication via Ethernet port.
<i>IP Address</i>	IP address of the instrument to be connected.
<i>Port</i>	Reserved (set always on 3000).
<i>Modbus</i>	Select this checkbox in case of MODBUS protocol and select ASCII or RTU mode. If this box is not checked, WINTOOL will use STANDARD protocol.
<i>Serial Number</i>	Serial number of the instrument to be connected, disabled in case of MODBUS protocol.
<i>Address</i>	Logical number of the instrument to be connected. Needed only for MODBUS protocol.



**ATTENTION:** In PC Port area, only COM ports available at WINTOOL startup are displayed. If any port is added/removed after WINTOOL startup, they will not be displayed in the list. To refresh the list, restart WINTOOL.

#### 4.1.1 HOW TO CONNECT THE INSTRUMENT

The instruments with RS232 port can be connected directly to the PC COM port.

The instruments with RS485 port cannot be connected directly to the PC COM port, a converter module (e.g. CV3285M) must be inserted. The instruments with Ethernet interface must be connected with a CROSS LAN cable directly to PC, or via a HUB or SWITCH.

To run the search function in STANDARD protocol, delete the serial number in the appropriate field and press *Search* key. WINTOOL starts to search the connected instrument, scanning all baudrates started with the value set when the search was started. This function is not available for MODBUS protocol. The serial number, shown in the *Serial Number* field, is relevant to the last connected instrument. To connect a new instrument, delete the old serial number and type the new one.

4.2 ETHERNET INTERFACE

This window allows to set the parameters of Ethernet interface for a selected instrument. This setup will not change the parameters of the PC's LAN interface.



**ATTENTION:** The communication parameters must be the same set in the instrument. Otherwise, the interface cannot communicate with the instrument.

Fields and keys description:

<i>IP Address</i>	IP address for the selected interface (selection made by the MAC address field).
<i>Subnet Mask</i>	Subnet mask according to the local network setup.
<i>Gateway</i>	Gateway IP address.
<i>Listen Port</i>	Reserved, always on 3000.
<i>Serial options</i>	Communication parameters between the Ethernet interface and the instrument.
<i>Web-Server Message</i>	Text message (max. 50 characters) displayed in the HTML web page in case of enabled webserver function.
<i>Direct cfg.</i>	Set this checkbox in case the interface is not connected in the local network, but is available via a gateway. For example, if a NAT function is available for gatewaying to the internet, the interface can be reached programming in the <i>Remote IP Address</i> field the NAT-ed address.
<i>LAN cfg.</i>	Set this checkbox if the interface is connected to the local network (LAN). In this case after a search, MAC addresses for all the detected interfaces will be available.
<i>Search key</i>	Searches the available interfaces in the local network, or searches one interface in case of direct connection. After the board is found, all actual setup parameters will be displayed in the fields.
<i>Update key</i>	Updates the new parameters in the interface.
<i>Dial-Up key</i>	Starts a dial-up connection to internet, if dial-up connections are already enabled on the PC.
<i>Cancel key</i>	Exits from this window.

### 4.3 INSTRUMENT SETUP

This window allows to set the main parameters of the connected instrument.



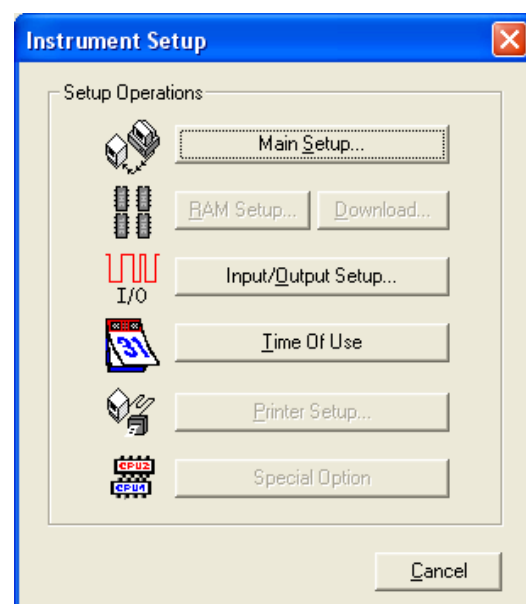
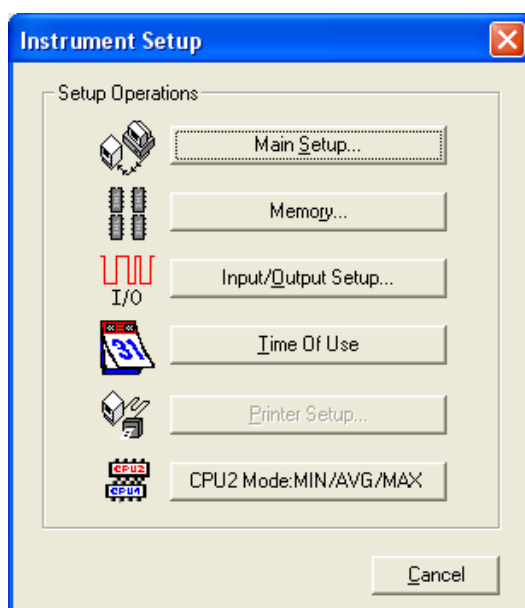
**NOTE:** The *Instrument Setup* window changes according to the connected instrument model.



**NOTE:** The availability of the keys in the *Instrument Setup* window depends on the functions provided for the connected instrument.



**NOTE:** The disabled keys in the *Instrument Setup* window are available only in DEDALO SP software (if the function relevant to the disabled key is provided for the connected instrument).



Keys description:

*Main Setup* key

Opens the main parameters setup window for the connected instrument.

*Memory* key

This key is enabled only if the connected instrument is 3100 with CPU2 option. This function allows only to download the CPU2 recordings.

*Input/Output Setup* key

Opens the I/O setup window for the connected instrument (e.g. digital outputs, analog outputs, digital inputs).

*Time of Use* key

Opens the time of use setup window for the connected instrument.

*CPU2 Mode..* key

This key is enabled only if the connected instrument is 3100 with CPU2 option. This function allows to set the CPU2.

*Cancel* key

Exits from this window.

4.3.1 SETUP PARAMETERS WINDOW

The *Main Setup* key is enabled when an instrument is connected and allows the main parameters setup. See the instrument user manual for the complete description of the parameters setup by the user through serial port.

Please note that if the serial line parameters or the logical number of the connected instrument are changed, WINTOOL automatically updates the PC serial line parameters settings, to maintain the connection with the instrument.

This window allows to set the main parameters of the connected instrument.



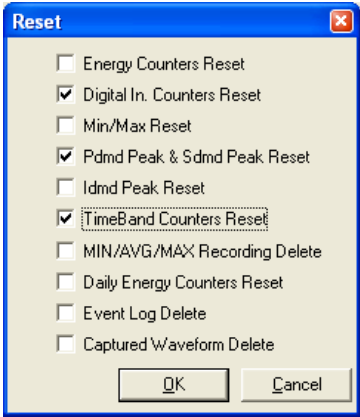
**NOTE:** The fields displayed in all different setup windows change according to the connected instrument model.

Fields and keys description:

<i>Line speed</i>	Communication speed between the instrument and the PC.
<i>Parity</i>	Parity bit.
<i>Instr. COM1/2</i>	COM port where the instrument is connected.
<i>Logical Number</i>	Logical number.
<i>Ethernet</i> key	Opens the Ethernet Interface window.
<i>Date</i>	Date of the connected instrument in realtime.
<i>Time</i>	Time of the connected instrument in realtime.
<i>Format</i>	Date and time format.
<i>Week Day</i>	Day of the week.

<i>Manual key</i>	Pressing this key, the manually set date and time fields content will be programmed.
<i>PC Synchro key</i>	Pressing this key, the date and time of the PC will be programmed.
<i>Current Input</i>	Select the current input.
	<i>Amp/Direct</i> Direct connection.
	<i>Volt/A.Flex</i> External current clamps.
<i>Setup key</i>	Set the CT ratio or the clamp input and output fullscale.
<i>Voltage Input</i>	Select the voltage input.
	<i>Direct</i> Direct connection.
	<i>VT Value</i> Connection through voltage transformer.
<i>Setup key</i>	Set the VT ratio.
<i>CTs Ratio</i>	External current transformer ratio.
<i>PTs Ratio</i>	External power transformer ratio.
<i>Curr. Inp. FS [A]</i>	Current input fullscale value.
<i>Wiring</i>	Wiring mode.
<i>Pic key</i>	Opens the wiring mode diagram window.
<i>DMD Time [min]</i>	Integration time for demand values calculation, in minutes, available only for <i>Fixed</i> and <i>Slide</i> modes. In case of <i>COM</i> or <i>DIx</i> modes <i>EXT</i> will be displayed (EXTERNAL SYNCHRO), and this field will be disabled.
<i>Mode</i>	Demand values calculation mode.
	<i>Fixed</i> Demand values calculated with a fixed window; the values are recalculated each time at the end of the time period set by <i>DMDTime</i> .
	<i>Slide</i> Demand values calculated with a sliding window; the values are recalculated after each minute using a sliding integration window set by <i>DMD Time</i> .
	<i>COM</i> Demand values calculation synchronized by a serial command.
	<i>DI1</i> Demand values calculation synchronized by a pulse on digital input 1.
	<i>DI2</i> Demand values calculation synchronized by a pulse on digital input 2.
	<i>DI3</i> Demand values calculation synchronized by a pulse on digital input 3.
	<i>DI4</i> Demand values calculation synchronized by a pulse on digital input 4.
<i>Instr. Language</i>	Instrument language.
<i>Light ON time [s]</i>	Instrument backlight.
<i>THD Mode</i>	THD mode. Available choices: USA, EUROPA.
<i>Synchro Frequency [s]</i>	Synchronization of the measurement with the mains frequency.

<i>Synchro Mode</i>	Synchronization mode.
	<i>Auto</i> The instrument is automatically hooked to the mains frequency measured on phase L1 (when the frequency and voltage values are within the measuring range).
	<i>Fixed</i> Set a fixed frequency value for the measurement.
<i>En. Counter</i>	Set the energy counters increase speed.
	<i>Slow</i> The counter runs over after a minimum of 20 months.
	<i>Fast</i> The counter runs over after a minimum of 6 days.
<i>Powers Format</i>	Number of digits on the power values.
<i>Reset key</i>	Opens the Reset window containing a list with the items to be cleared.



Fields and keys description:

<i>Energy Counters Reset</i>	Select this checkbox to clear the energy counters.
<i>Digital In. Counters Reset</i>	Select this checkbox to clear the digital input counters.
<i>Min/Max Reset</i>	Select this checkbox to clear the minimum and maximum values.
<i>Pdmd Peak &amp; Sdmd Peak Reset</i>	Select this checkbox to clear the demand peak values of active and apparent power.
<i>Idmd Peak Reset</i>	Select this checkbox to clear the demand peak values of system current.
<i>TimeBand Counters Reset</i>	Select this checkbox to clear the timeband counters.
<i>MIN/AVG/MAX Recording Delete</i>	Select this checkbox to clear the MIN/AVG/MAX recordings.
<i>Daily Energy Counters Reset</i>	Select this checkbox to clear the daily energy counters.
<i>Event LOG Delete</i>	Select this checkbox to clear the Event LOG recordings.
<i>Captured Waveform Delete</i>	Select this checkbox to clear the captured waveform.

This window can change according to the connected instrument model. Here below a description for the missing items which are displayed with another connected instrument model:

*Delete Data Profiles*

Select this checkbox to clear the profile pages.

*Reset Recorded VDROP Events*

Select this checkbox to clear the recorded VDROP events.

After *OK* key is pressed, a confirmation window will be displayed. If this warning message is confirmed, the selected items will be erased.

*All key*

The instrument is updated with all the values set in the window.

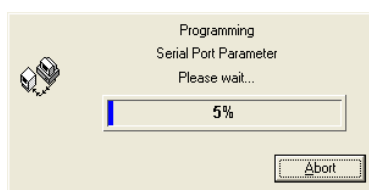
*Update key*

The instrument is updated only with the values that have been modified in the window.

*Cancel key*

Exits from the setup window without saving.

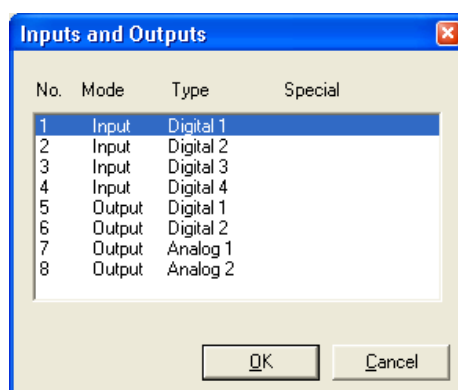
By clicking on *All* or *Update* key a progress bar will be displayed.



#### 4.3.2 INPUTS AND OUTPUTS SETUP

Please refer to the instrument user manual for a full description of the parameters which can be programmed by using the serial port.

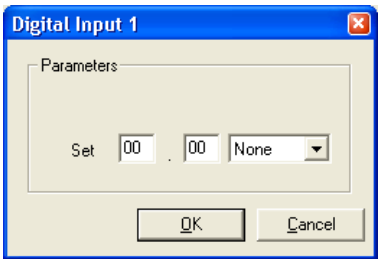
The *Input/Output Setup* key accesses to the I/O channel selection window.



To set the parameters of any one of the listed items, select it and confirm with *OK* key.



Digital Inputs Setup

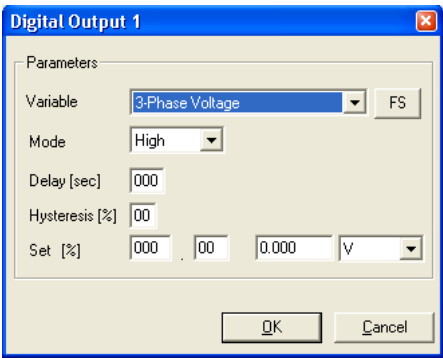


Fields description:

Set Weight of the input pulse value.

Once the setup is carried out, press *OK* key to set the new values in the instrument.

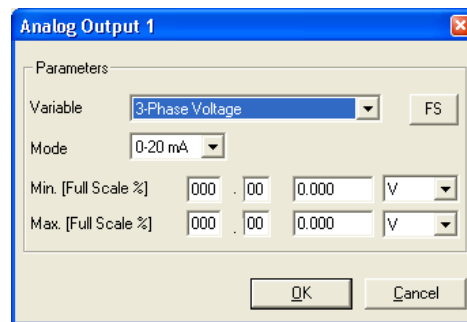
Digital Outputs Setup



Fields and keys description:

<i>Variable</i>	Measurement variable to be associated to the digital output.
<i>Mode</i>	1) Pulse - in case of energy type variables. 2) High - high threshold alarm mode. 3) Low - low treshold alarm mode.
<i>Delay</i>	If <i>Pulse</i> mode is selected, it sets the length of the pulse (max 250 ms). If the <i>High/Low</i> mode is selected, it sets the delay time, starting from the threshold overcoming, before the output changes its state.
<i>Hysteresis</i>	Available only for <i>High/Low</i> mode. Sets the hysteresis percentage value referred to the threshold value (max. 99%).
<i>Set</i>	If <i>Pulse</i> mode is selected, this value sets the weight of each emitted pulse. If the <i>High/Low</i> mode is selected, it sets the threshold value. The threshold value can be set in two modes, by setting the percentage value referred to the fullscale of the selected variable, or by setting the absolute value.
<i>FS</i> key	Opens an information window with full scale values of the connected instrument (Voltage, Current, Power).

## Analog Outputs Setup



Fields and keys description:

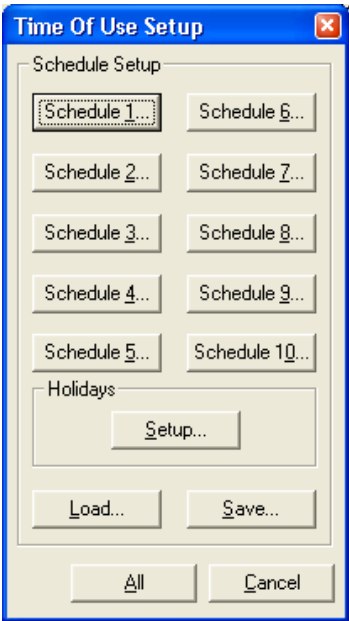
<i>Variable</i>	Measurement variable to be associated to the analog output.
<i>Mode</i>	1) Monodirectional 0-20 mA 2) Monodirectional 4-20 mA 3) Bidirectional 0-20 mA 4) Bidirectional 4-20 mA
<i>Min</i>	Minimum value of the selected variable to be associated to the minimum output current of the analog output (0 or 4 mA).
<i>Max</i>	Maximum value of the selected variable to be associated to the maximum output current of the analog output (20 mA).
<i>FS key</i>	Opens an information window with full scale values of the connected instrument (Voltage, Current, Power).

Example.

Variable =  $V_1$   
 Mode = monodirectional 0÷20mA  
 FS = 433V  
 Min = 50% (50% x 433V = 216,5V)  
 Max = 70% (70% x 433V = 303,1V)  
 For 216,5V \*  $V_1$  \* 303,1V the analog output current will be in range 0÷20mA.

4.3.3 TIME OF USE SETUP WINDOW

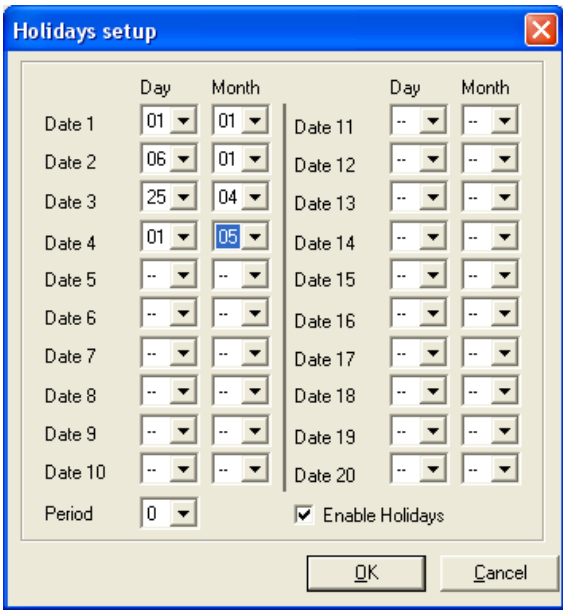
The *Time of Use* key accesses to the time of use setup window.



Keys description:

- Schedule1..10* keys  
Accesses the tariff schedule 1...10 setup.
- Setup* key  
Accesses the holidays setup.
- Load* key  
Loads the time of use saved in a profile.
- Save* key  
Saves the time of use setup in a profile that can be re-loaded.
- All* key  
Programs the time of use setup in the instrument.
- Cancel* key  
Exits from this window without saving.

Holidays Setup



Fields description:

*Enable Holidays*

*Date 1..20*

*Period*

Check this checkbox to enable the holidays setup.

Day and month for each holiday date. To set a date, select the month before the day.

Schedule to be assigned to holidays.

## Schedule Setup



**NOTE:** The *Setup Schedule* window changes according to the connected instrument model.



**NOTE:** The low tariff level is attributed to the days not assigned to a tariff schedule.

Start #	Time	Rate	Day	Month
1	05:00	3-Off-Peak	Monday <input checked="" type="checkbox"/>	January <input checked="" type="checkbox"/>
2	09:00	2-Mid-Peak	Tuesday <input checked="" type="checkbox"/>	February <input checked="" type="checkbox"/>
3	13:00	1-On-Peak	Wednesday <input checked="" type="checkbox"/>	March <input checked="" type="checkbox"/>
4	16:00	2-Mid-Peak	Thursday <input type="checkbox"/>	April <input type="checkbox"/>
5	18:00	2-Mid-Peak	Friday <input checked="" type="checkbox"/>	May <input type="checkbox"/>
6	20:00	3-Off-Peak	Saturday <input type="checkbox"/>	June <input type="checkbox"/>
7	23:00	2-Mid-Peak	Sunday <input type="checkbox"/>	July <input type="checkbox"/>
8	00:00	0-NONE	Holiday <input type="checkbox"/>	August <input type="checkbox"/>

Start #	Time	Rate
1	05:00	Tariff 5
2	07:00	Tariff 4
3	09:00	Tariff 3
4	10:00	Tariff 2
5	12:00	Tariff 1
6	16:00	Tariff 2
7	18:00	Tariff 3
8	24:00	None

Fields description:

*Time 1...8*

Defines the start time (hh:mm) of each tariff time interval within a day. Up to eight variations in a day can be set.

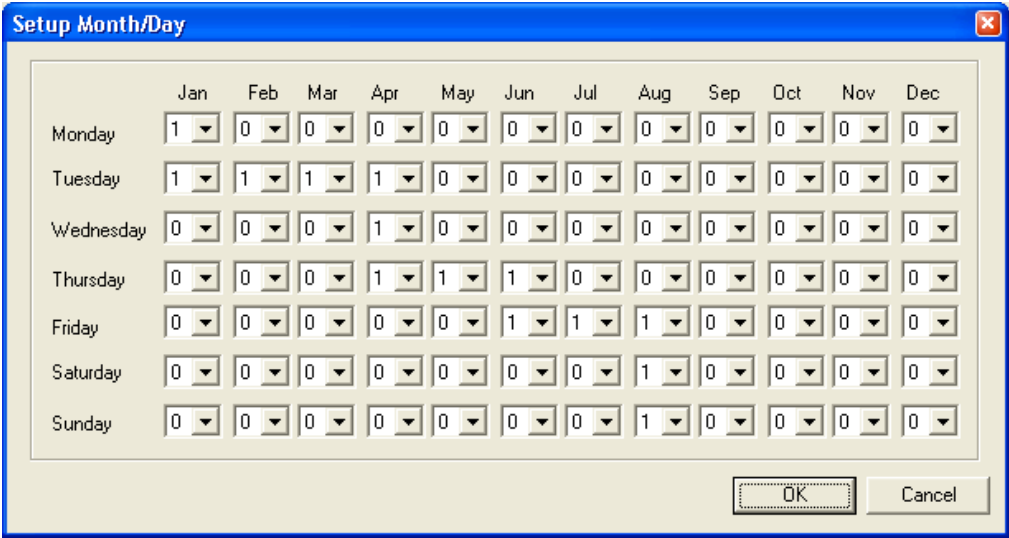
*Rate*

For each time interval it is possible to set up to five tariff levels, depending on the connected instrument model. Select tariff level 0 to end the daily programming.

If tariff level 0 was selected, all the following programmed values are not considered.

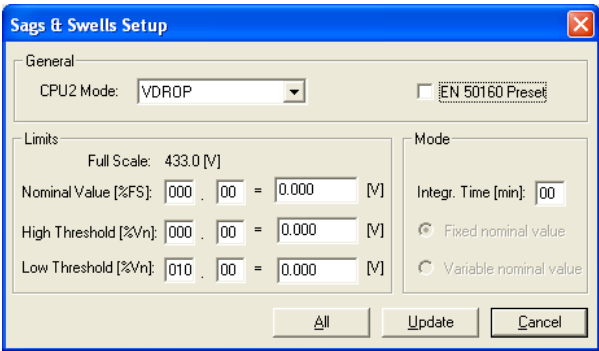
*Month/Day key*

Opens a window where it is possible to assign a schedule for each day of the month.



4.3.4 CPU2 SETUP WINDOW

This function is available only if the connected instrument is 3100 with CPU2 option. Please refer to the instrument user manual for a full description of the parameters programmable by serial port. Available CPU2 modes: VDROp, MIN/AVG/MAX, WCAP. The *CPU2 Mode: ...* key accesses to the CPU2 setup window.



Fields description:

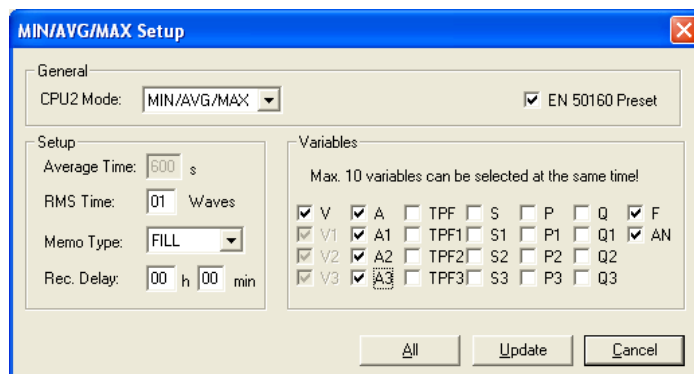
VDROp Mode

- CPU2 Mode*
- EN50160 Preset*
- Nominal Value*
- High Threshold*
- Low Threshold*
- Integr. Time[min]*
- Fixed nom. value*
- Variable nom. value*

- CPU2 mode.
- Select this checkbox to preset some fields according to the EN50160 standard.
- Nominal value.
- High threshold value.
- Low threshold value.
- Integration time value in minutes.
- Acquisition mode of voltage faults.
- Acquisition mode of voltage faults.

Common keys description:

- All key* Updates all the set CPU2 parameters in the instrument.
- Update key* Updates only the modified CPU2 parameters in the instrument.
- Cancel key* Exits from this window without saving.



Fields description:

### MIN/AVG/MAX Mode

*CPU2 Mode*

*EN50160 Preset*

*Average Time*

*RMS Time*

*Memo Type*

*Rec. Delay*

*Variables*

CPU2 mode.

Select this checkbox to preset some fields according to the EN50160 standard.

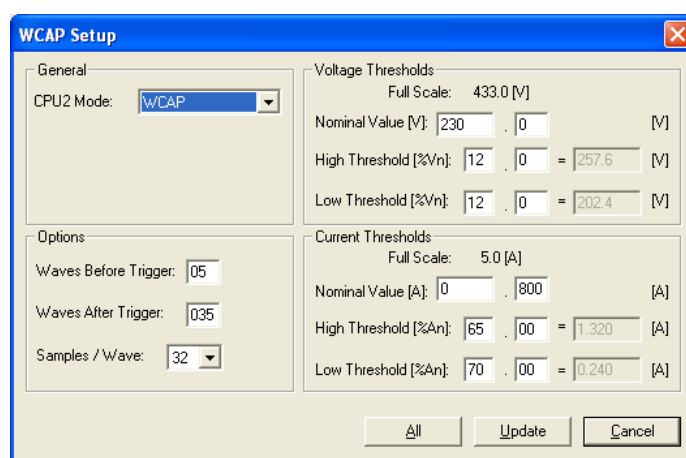
Integration time value in seconds.

Number of waves.

Recording mode.

Recording delay.

Recording variables (max 10).



Fields description:

### WCAP Mode

*CPU2 Mode*

*Waves Before Trigger*

*Waves After Trigger*

*Samples/Wave*

*Nominal Value*

*High Thresholds*

*Low Thresholds*

CPU2 mode.

Waves number before threshold overcoming.

Waves number after threshold overcoming.

Number of samples/waves.

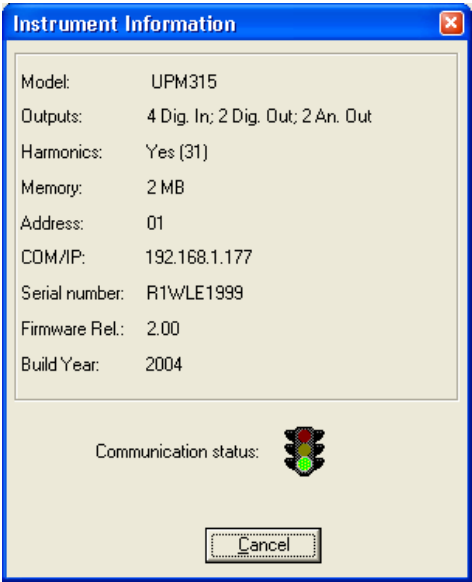
Voltage or current nominal value.

Voltage or current high threshold.

Voltage or current low threshold.

4.4 INFORMATION WINDOW

This function displays a window where information about the connected instrument is reported.



Fields and keys description:

<i>Model</i>	Connected instrument type or model.
<i>Outputs</i>	Type and number of inputs and outputs (if available).
<i>Harmonics</i>	Measured harmonics order (if available).
<i>Memory</i>	Memory size (if available).
<i>Address</i>	Logical number.
<i>Com/IP</i>	COM port and baudrate in case of instrument-PC direct connection or IP address in case of connection via Ethernet port.
<i>Serial Number</i>	Serial number.
<i>Firmware Rel.</i>	Firmware release.
<i>Build Year</i>	Built year.
<i>Communication status</i>	GREEN = communication ok; RED = not connected.
<i>Cancel key</i>	Exits from this window.

4.5 LANGUAGE

This function allows to select the language for WINTOOL.

4.6 EXIT

This function allows to exit from WINTOOL.

5. CONNECTION CABLES

For the connection cables refer to the user manual of the instrument.







# **BERG**

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