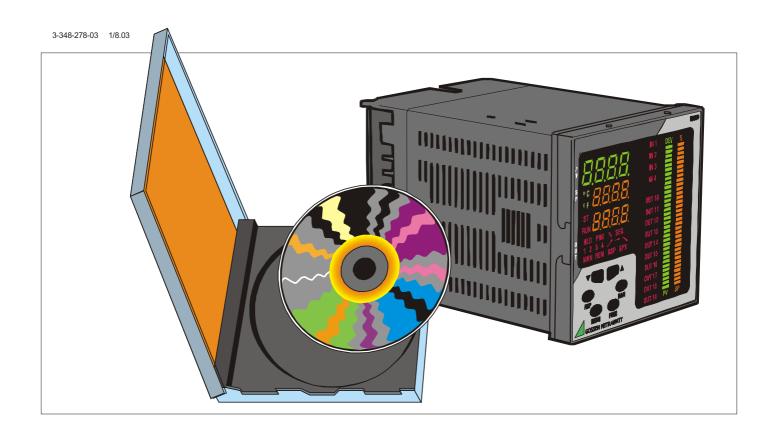# GOSSEN METRAWATT

INSTALLATION NOTES

Version 1.01

SC550
Configuration program

SC550

INTRODUCTION

The configuration program described in the following pages has been developed to simplify the R0550-A0/A1 instrument configuration.

This manual describes the structure of the program and gives all the necessary informations for an easy installation of the program.

MINIMUM SYSTEM REQUIREMENTS

CPU: Pentium 120 or higher
RAM: 32 MB or more
Operative system:

Windows® 95 Ver. A
Windows® 95 Ver. B
Windows® 98
Windows® NT 4 Workstation

WARNINGS:
1) **For RS 232 / RS 485 conversion** use a Smart converter with automatic handling of the line inversion.

2) The SDDE software (used for communication management) drives one or two serial port (COM) using different IRQ. If other applications or drivers use different serial ports with the same IRQ, a conflict may occur.

SUPPORTED INSTRUMENTS

This configurator is able to manage all the parameter of:
R0550 - A0/A1

INSTALLATION

1) It is necessary to install this software onto a hard disk. This program can not run from the original CD-ROM.
2) This program requires 5 MB of free disk space.

To install the configuration program, proceed as follows:
1) insert the original disk in the CD-ROM driver;
2) by means of File Manager or Explorer program open the CD-ROM disk;
3) double-click on the folder <R0550-A0>
4) double-click on the folder with the name of the desired operative system.
5) double-click on the folder named "Disk1"
6) double-click on the file "Setup.exe".
7) follow the on screen instruction.

GETTING STARTED

When this application starts it shows 3 buttons:

< ON-LINE configuration >
< OFF-LINE configuration >
< Service >

< Service >
This selection allows:
- to set the computer's communication lines with the same serial communication parameters assigned to the instrument to be configured;
- to set the company information used for a correct report printing;
When an instrument is connected it is also possible:
- to start the instrument configuration default parameter loading procedure;
- to start the instrument run time default parameter loading procedure.

The < ON-LINE configuration > and the < OFF-LINE configuration > are two different way to prepare a complete instrument parameter set.

< OFF-LINE configuration >
This selection allows to prepare a complete instrument parameter set without to connect an instrument.
In other word, the program create a virtual instrument in your computer. The virtual instrument emulate the real instrument behavior for parameter modification.
The system will start using the last used (or loaded) parameter set.
In OFF-LINE mode it is possible:
- to define the built-in hardware and the specific hardware setting of the virtual instrument;
- to display and to modify all configuration parameter settings;
- to display and to modify all run time parameter setting related to the built-in hardware, the specific hardware setting and the configuration parameter setting;
- to save into a file the complete parameter set of the virtual instrument;
- to load from a file a complete parameter set.
- to print a report of the parameter set actually assigned to the virtual instrument;
- to transfer to a connected instrument the complete parameter set of the virtual instrument;
NOTE: It is possible to modify the configuration parameters set of a connected instrument only when the system is in OFF-LINE mode by sending a complete configuration parameter set.

< ON-LINE configuration >
This selection allows to load, from a connected instrument, all the parameters value and many internal status (like alarm status, SMART activation status, etc.). During the on line configuration it is possible:
- to display but not modify the built-in hardware and the specific hardware setting of the connected instrument;
- to display and to modify all run time parameter setting related to the built-in hardware, the specific hardware and the configuration parameter set. **NOTE**: run time parameter modification are immediately send to the instrument and become immediately operative.
- to display some instrument internal status.

NOTE: When it is desired to verify or modify the configuration parameter setting of a real instrument, it is necessary to start the ON-LINE mode (the program required to the instrument all parameter setting) and than click on the < Config. > button. The instrument goes automatically to the OFF-LINE mode maintaining the parameter set uploaded from the instrument. At the end of the OFF-LINE mode, download in the instrument the new configuration parameter set (if necessary) and than start the ON-LINE mode again.

For all parameter description and parameter relationships referred to the specific instrument user manual.

GOSSEN METRAWATT