

## Gerstenberg Schröder Logic Control System

# GS Logic Control System Benefits:

The GS Logic control system is designed to control, record and document important parameters regarding the process.

#### **CONSISTENCY IN PRODUCT**

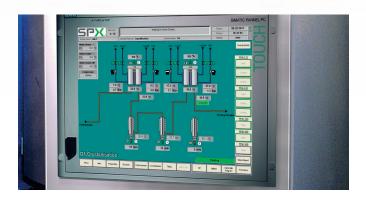
The GS Logic control system helps create a consistent process environment to ensure that the product is manufactured in the same way every time. When the process variables have been fine-tuned for optimum results, the end product will always have the same quality.

#### SYSTEM FLEXIBILITY

With the GS Logic control system, production can easily be changed by altering a recipe or entering new production alternatives rather than reprogramming. Monitoring and controlling the system can be done from one or several operating stations for maximum flexibility. GS Logic control system also has the flexibility to be either a stand-alone or a client-server solution. In the client-server solution the process can be monitored from various locations, and connections can be made through a local network and/or internet.

#### PRODUCTION ECONOMY

Long-term savings can be obtained with GS Logic control system because of the added control over production. Savings are recognized through minimal product loss and energy use. GS Logic control system always operates and monitors the process in the same way during each production run. Hereby you will avoid overfilling of tanks, unwanted mixing and other errors resulting in product loss and excess energy consumption. The documentation



of the process is an important feature of the GS Logic control system. Because of documentation, problems in the production process can be identified and corrected very quickly. This not only helps to save money in the process by getting back on line quickly, but also ensures product quality and consistency.

#### **FUNCTIONALITIES**

Semi- and full-automatic batch, production and CIP programmes and simple traceability.

#### **RECIPE HANDLING**

Storing of batch and production parameters.

#### **REPORTS**

- Production Reports generated on demand or automatically
- Batch Reports generated automatically
- CIP Reports generated automatically

#### **EQUIPMENT (DEPENDING ON VERSION)**

PC with monitor, touch screen operator panel, communication card, color printer, PC control software, GS Logic software, reporting software and battery backup, modem for remote assistance.

### >Gerstenberg Schröder®

#### **EASY TO USE**

The fully automatic production programme ensures easy handling when starting, running and ending the production. Mimic diagrams are included to give a fast and easy overview of the system. Icons resemble areas of the actual process with tanks, pipes, valves, pumps and other processing equipment. With GS Logic control system you can shift from one image to another, following the product through the production process.

#### INFORMATION

The automation system provides relevant data and production information in the form of reports, statistics, analyses, etc. These data can help improve productivity and allow for more precise management decisions. One important example is the historical trends report that helps monitor changes and reactions in the process over time.

#### REMOTE ASSISTANCE

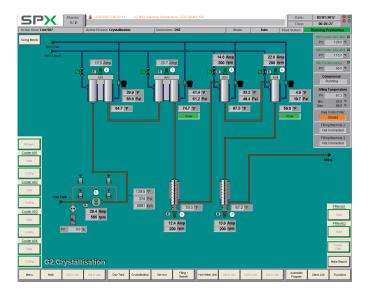
GS specialists are able to monitor your process on-line via a modem or an internet connection. The GS Logic control System exists in three versions: GS Logic Basic, GS Logic Advanced and GS Logic Professional.

	LOGIC BASIC	LOGIC ADVANCED	LOGIC PROFESSIONAL
SEMI-AUTOMATIC CONTROL OF THE PROCESS			
SOFTWARE CONTROLLERS			
PROFIBUS OR ETHERNET			
30 RECIPES			
1,000 RECIPES			
FULL-AUTOMATIC PROGRAMMES FOR THE PROCESS			
SCADA SYSTEM			
SERVER PC WITH SQL DATABASE			
HISTORICAL DATA SAVED FOR 12 MONTHS			
WEB-BASED RECIPE EDITOR			
WEB-BASED REPORT SYSTEM			
REMOTE ASSISTANCE FOR THE PLC			

#### **GRAPHIC DISPLAY**

The graphic displays give the user an immediate and precise overview of the process, due to the color-animated items.

All relevant values and process states are presented on the screen. All operations to the process can be preformed directly from the screen.



#### INTEGRATED WEB INTERFACE

(Only for GS Logic Professional)

The system offers editing of recipes from an ordinary browser. Furthermore, it allows the user to generate detailed batch, production and CIP reports.

The tracing feature provides information about every used component of a specific batch. This is essential in revealing the source of a faulted product.





**SPX FLOW** Oestmarken 7, 2860 Soeborg, Denmark P: +45 70 278 222, F: +45 70 278 223

E: gs.dk.sales@spxflow.com · www.spxflow.com

SPX FLOW reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.spxflow.com. The green ">" is a trademark of SPX FLOW, Inc.

GS-603-GB VERSION 02/2016 ISSUED 01/2017