

SCT 3000 Smartline Configuration Toolkit

- Model SCT 101

34-CT-03-02

11/98

Page 1 of 4

Specification and Model Selection Guide

Description

The Honeywell Smartline Configuration Toolkit (SCT 3000) is a PC Windows® based Engineering and Maintenance tool designed specifically for ease-of-use and increased productivity. It is intended to complement the Honeywell Smart Field Communicator (SFC®). The SCT 3000 allows easy access to all Smartline® configuration database parameters using state-of-the-art Windows technology. Now even the casual user can easily navigate through database configuration without the need for prior training, user manuals or previous experience. Context-sensitive help is provided as an aid or tutor if needed. Familiar Windows edit tools like “cut & paste” significantly increase user productivity while data reasonability checks help to avoid costly mistakes. Default database templates are provided for each product. Templates with “cut & paste” capability simplify configuration and allow rapid development of configuration databases.

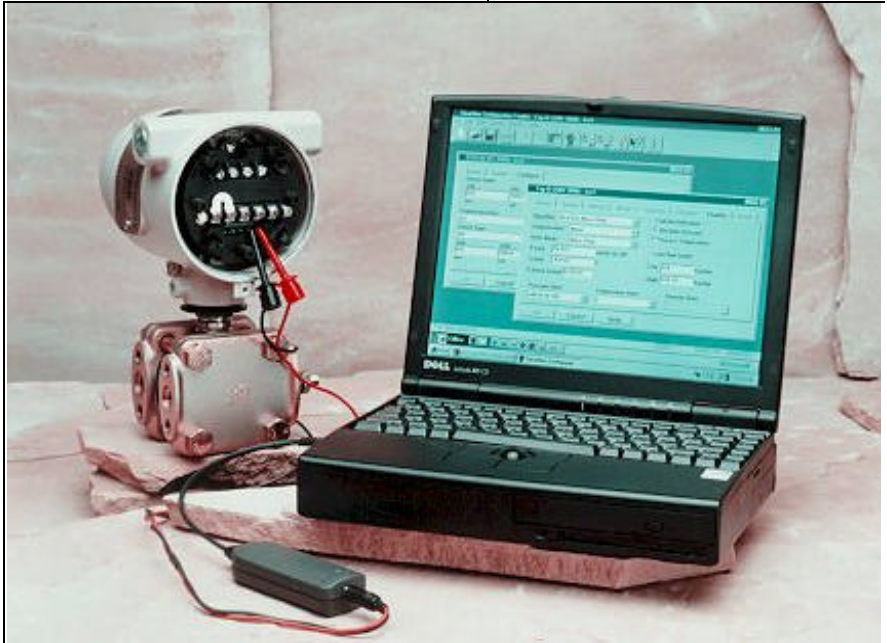


Figure 1 —The SCT 3000 Engineering and Maintenance Software Program operating on a Laptop PC is specifically designed for ease-of-use and increased productivity. The SCT 3000 communicates with a variety of Honeywell Smart field devices and provides easy access to all Smartline configuration database parameters.

Functions

The SCT 3000 communicates with the following Honeywell Smartline products:

- ST 3000 Pressure Transmitters
- STT 3000 Temperature Transmitters including the STT 300, STT 302 and STT 350.
- SMV 3000 Multivariable Transmitters
- MagneW and MagneW *PLUS* Electromagnetic Flowmeters

The SCT 3000 uses familiar Windows tools for ease-of-use and context sensitive help aids first-time users. Extensive use of menus and prompts eliminate need for training or experience.

The SCT 3000 has both on-line and off-line functions. In the off-line mode it allows the user to configure and store transmitter databases before receipt of the transmitters.

In the on-line mode it can download previously built databases and perform the same functions as the handheld Smart Field Communicator (SFC) such as:

- Select the Communications Mode
- Configure
- Diagnose
- Check calibration
- Display transmitter parameters
- Check out the transmitter

The SCT 3000 also compares and detects differences between device database and SCT 3000 database providing assurance of proper installation.

The SCT 3000 is a bundled package which includes both the software and hardware necessary to communicate with Smartline transmitters.

SCT 3000 hardware uses an industry standard plug-in PC Card for portable computers and the same lead wires as the Honeywell SFC. The PC Card, interface electronics module and cable are captively secured for assured reliability and are powered solely from the host computer.

SCT 3000 software is compatible with the following operating systems:

- Windows 95®
- Windows 98®
- Windows NT® 4.0

Specifications

PC Requirements:	(CPU) Pentium 90 MHz or better (Display) SVGA (monochrome or color) (Pointing Device) Windows 95, Windows 98, or Windows NT 4.0 (RAM) mouse or trackball compatible devices (Hard Disk) 16MB, min./32MB, recommended (Floppy) 5MB (Ports) 3.5 -inch, 1.44MB (required only for software installation) 1-PCMCIA Type II slot (conformance class 2.10)
Protocol:	Honeywell Smart Field Network (SFN) Analog and DE
Interface Cable:	Uses same cables and connectors as SFC (easy hook or alligator clip)
Operating Temperature Range:	0 °C to +40 °C (32 °F to +104 °F), ambient
Storage Temperature Range:	-4 °C to +55 °C (25°F to +131°F), ambient
Operating Humidity Range: RH	10-90%, noncondensing
Shock	(Operating Range): 5G, max. (Storage Range): 15G, max.
Vibration	(Operating Range): 0.2G, max. (0-2 kHz, 0.75 mmP-P, max. displacement) (Storage Range): 0.5G, max. (0-2 kHz, 0.75 mmP-P, max. displacement)
Weight:	0.5 lbs, max. (hardware + cables)
Approval Bodies:	
NORTH AMERICA	EMC Standards: FCC Class A
EUROPE	European EMC Standards: EEC Directive 89/336 (EMC) CE Mark

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Model Selection Guide

34-ST-16-42

Instructions

- Select the desired key number. The arrow to the right marks the selection available.
- Make one selection from each table, I, II and III, using the column below the proper arrow.
If no options are desired, specify 00.
A dot (•) denotes unrestricted availability. A letter denotes restricted availability.

Key Number **I** **II (Optional)**
 [- - -] - [- -] - [- - , - -] + XXXX

KEY NUMBER	Selection	Availability
Description		
Smartline Configuration Toolkit	SCT101	↓

TABLE I

None		0 _ _	•
Cable Length	6 Ft. - Standard	_ 0 _	•
	20 Ft.	_ 1 _	•
	None	_ X	•
Installation Manual & Program Diskettes	Manual & Diskettes - Standard	_ _ 1	•
	None	_ X	•

TABLE II

None	00	•
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TABLE III

Factory Identification	XXXX	•
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Note: Software upgrades can be ordered through Honeywell Worldwide Software Control.
Please e-mail Sue Shea and reference P/N 51198164-004.

Example: SCT101-001-00 + XXXX

Ordering Information

Contact your nearest Honeywell sales office, or

In U.S.:

Honeywell
Industrial Automation & Control
16404 N. Black Canyon Highway
Phoenix, AZ 85023
1-800-288-7491

In Latin America:

Honeywell Inc.
480 Sawgrass Corporate
Parkway,
Suite 200
Sunrise, FL 33325
(954) 845-2600

In Asia:

Honeywell Asia Pacific Inc.
Room 3213-25
Sun Hung Kai Centre
No. 30 Harbour Road
Wanchai, Hong Kong
(852) 2829-8298

In Canada:

The Honeywell Centre
155 Gordon Baker Rd.
North York, Ontario
M2H 3N7
1-800-461-0013

In Europe:

Honeywell S.A.
Rue Andre Durouchez
80084 Amiens Cedex 2
France
(33) 22 54 56 56

In Pacific:

Honeywell Limited
5 Thomas Holt Drive
North Ryde NSW 2113
Australia
(61 2) 9353 7000

Or, visit Honeywell on the World
Wide Web at:
<http://www.honeywell.com>

Distributor :

Lesman Instrument Company
215 Wrightwood Ave, Elmhurst, IL 60126
7127 N Green Bay Rd, Milwaukee, WI 53209

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Specifications are subject to change without notice.



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