

## SCT 3000 Smartline<sup>®</sup> Configuration Toolkit

- Model SCT 101

34-CT-03-02

2/99

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### Specification and Model Selection Guide

#### Description

The Honeywell Smartline Configuration Toolkit (SCT 3000) is a PC Windows<sup>®</sup> 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<sup>®</sup>). 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.

\* Will not communicate with older ST 3000 transmitters that are analog only and contain software version 2.2 or earlier, or version 6.1 or earlier.

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<sup>®</sup>b
- Windows 98<sup>®</sup>
- Windows NT<sup>®</sup> 4.0

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### Specifications

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

Windows<sup>®</sup>, Windows 95<sup>®</sup>, Windows 98<sup>®</sup>, and Windows NT<sup>®</sup> are registered trademarks of Microsoft Corporation. Smartline<sup>®</sup> and SFC<sup>®</sup> are registered trademarks of Honeywell, Inc.

**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
<b>Description</b>		
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

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**Ordering Information**

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**Contact your nearest Honeywell sales office, or**

In the 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 the 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 :

*Specifications are subject to change without notice.*

**Honeywell**

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**Industrial Automation and Control**

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