

SCT 3000 Smartline Configuration Toolkit

Configure, Monitor, Maintain, Diagnose

Looking for an easy way to configure your Smartline® instruments using your personal computer? The Honeywell SCT 3000 Smartline Configuration Toolkit lets you do just that by allowing easy access to all Smartline configuration database parameters. This Windows-based engineering and maintenance tool is designed specifically for ease-of-use and increased productivity. In addition, SCT 3000 lets you initiate Management of Change as needed for OSHA 1910.

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Eliminate Costly Mistakes

SCT 3000 makes configuration so easy you can navigate through the database 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 editing tools significantly increase productivity, while data reasonability checks eliminate costly mistakes. Database templates with cut-and-paste capability simplify configuration and allow rapid development of configuration databases.

Comprehensive Offline Configuration

Operating the SCT 3000 in the offline mode allows configuration of an unlimited number of Smartline devices prior to field installation. You can then load the database down line during commissioning. SCT 3000 saves configuration and implementation time because:

- All Smartline instruments may be configured prior to shipment or installation
- Windows tools, like cut-and-paste and "right click," enable quick data entry and transfer
- Default databases allow for rapid "exception build" of configuration databases
- Context-sensitive help and data reasonability checks ensure proper operation to avoid costly mistakes.

In addition, the SMV 3000 Flow Wizard:

- Simplifies flow configurations
- Supplies built-in support for standard pipe sizes, materials, elements, and properties
- Provides user-definable fluid data for specific application requirements
- Furnishes automatic 3-D graphing of discharge coefficient, fluid viscosity, and fluid density data.

Extensive menus and prompts eliminate the need for training or experience.

SCT 3000's PV Monitor can also display process variables (PV) for use with troubleshooting, calibration, or bench setup. SCT 3000 automatically compares and detects any differences between the device database and its own database—a major factor in reducing cost and



ensuring proper installation. To further ensure you have the correct database, SCT 3000 can simultaneously display multiple devices for comparison and cross-check. It even provides its own device diagnostic support.

Additional Online Operation Features

As part of your SCT package, a hardware interface enables the online mode of operation.

In addition to the capabilities present in the offline mode, the online personality of the SCT 3000 provides a number of other features to provide further ease of use and enhance cost savings:

- Ability to download previously configured databases at time of installation
- Automatic verification of device identification and database configuration
- Menus and prompts for bench setup and calibration
- Log-on identification and database change detection enable Management of Change
- Full device diagnostic support
- Real-time monitoring of flowmeter process variables with PV Monitor.

Platform Variety

From desktops to laptops, the SCT 3000 is capable of operating on a wide variety of PC platforms. This “open” tool supports Honeywell’s analog and digitally enhanced (DE) protocols:

- Compatible with portable computers
- Card, interface electronics module, and cable captively secured for ensured reliability
- Uses same lead wires as current Honeywell Smart Field Communicator
- Industry-standard plug-in PC Card powered solely from the host computer.

PC Requirements	
PC Requirements CPU:	Pentium 90 MHz or higher
Display:	SVGA
RAM:	16M min/32M recommended
Hard Disk:	25M space required
Operating System:	Microsoft Windows 95b, 98, NT (4.0), 2000

Languages Supported

The SCT 3000 is capable of supporting multiple languages such as English, Spanish, French, and German. Contact your Honeywell representative or distributor for more information.

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