

MC Toolkit Configurator

Model MCT101

34-ST-03-76
9/03

Specification and Model Selection Guide

Description

The Honeywell MC Toolkit Configurator is a Pocket PC-based engineering and maintenance tool for configuring, monitoring, diagnosing, and managing smart field instruments. Designed specifically for ease-of-use and increased productivity, this multipurpose tool supports multiple communications protocols—Digitally Enhanced (DE) and HART. It can complement or replace the Honeywell Smart Configuration Toolkit (SCT 3000) or SFC. The MC Toolkit allows easy access to instrument configuration database parameters using state-of-the-art Pocket PC operating system technology. Now even the casual user can easily navigate through database configuration without the need for prior training, user manuals, or previous experience. In addition, on-line help is provided as an aid or tutor.

The MC Toolkit has both on-line and off-line (future) functions. In the off-line mode it allows the user to configure and store transmitter databases before receipt of the transmitters.

The MC Toolkit provides the following functions:

- Configures both Honeywell DE and HART transmitter with the same hardware and software.



Figure 1 — The MC Toolkit Configurator is specifically designed for ease-of-use and increased productivity. The MC Toolkit, shown above with HP Compaq Pocket PC, can also be ordered with a Symbol Pocket PC.

- Also supports Universal Command and Common Usage Commands for all other HART transmitters.
- Allows download of critical configuration data to Honeywell DocuMint® via XML.

The MC Toolkit communicates with the following field devices:

- Honeywell ST 3000 DE and HART Pressure Transmitters
- Honeywell STT 3000 DE and HART Temperature Transmitters including the STT 250 and STT 350
- HART transmitters by other manufacturers.

Specifications

Qualified Pocket PCs:	HP h3700, h3800, h3900 Series HP h2200 Series HP h5100 Series Symbol PPT2800 (Color or Monochrome)
Protocol:	Honeywell DE (Digitally Enhanced) and HART 5.0
Transmitter Interface Cable:	Uses same cables and connectors as Smart Field Communicator (SFC) and Smart Configuration Toolkit (SCT) (easy hook or alligator clip)
Pocket PC-Modem Cable	HP h3700 Series cable, HP h2200, h3800 h3900, h5100 Series cable, Symbol PPT2800 Series Cable
MC Toolkit Software Size	Approximately 4.7MB with Online Help (320K)
Operating Temperature Range (DE/HART Modem):	-10C to 50C
Storage Temperature Range (DE/HART Modem):	-20C to 60C
Operating Humidity Range (DE/HART Modem): RH	10% to 90%
Shock (DE/HART Modem) (Operating Range): (Storage Range):	5G, 50ms 15G, 11ms
Vibration (DE/HART Modem) (Operating Range): (Storage Range):	0.2G, 0 to 100Hz, 0.75mm peak to peak 0.5G, 0 to 100Hz
Weight: (without Pocket PC)	Approximately 0.2Kg (0.45lbs)
Approval Bodies: EUROPE	European EMC Standards: EEC Directive 89/336 (EMC) CE Mark

Model Selection Guide

34-ST-16-59

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34-ST-16-59

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) III
 [] - [] - [] + XXXX

KEY NUMBER	Selection	Availat
Description		
MC Toolkit Configurator	MCT101	↓

TABLE I

Pocket PC Handheld Hardware	None HP iPAQ 2210 HP iPAQ 5150 Symbol 2800 Monochrome Symbol 2800 Color	1 _____ 2 _____ 3 _____ 7 _____ 8 _____	• • • • •
Interface Hardware	DE/HART Modem	_ 2 _ _ _ _	•
Product Holster	None HP IPAQ Holster Symbol 2800 Holster	_ _ 1 _ _ _ _ _ 2 _ _ _ _ _ 3 _ _ _	• • •
Cable Length (from Modem to Transmitter)	None 6 Ft. - Standard 20 Ft.	_ _ _ 1 _ _ _ _ _ 2 _ _ _ _ _ 3 _ _	• • •
Handheld Connector/Cable	HP IPAQ h3700 Series HP iPAQ 2210/3800/3900/5150 Symbol 2800 Series	_ _ _ _ 1 _ _ _ _ _ 2 _ _ _ _ _ 3 _	• • •
Software	None CD ROM - Standard 3.5" Disks	_ _ _ _ _ 1 _ _ _ _ _ 2 _ _ _ _ _ 3	• • •

TABLE II - Options

No Options	11	•
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TABLE III

Factory Identification	XXXX	•
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