MC Toolkit Configurator

Model MCT101
MC Toolkit and SDC 625 software applications allow "Universal" configuration

34-ST-03-76
9/04

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/devices. Designed specifically for ease-of-use and increased productivity, this multipurpose tool supports multiple communications protocols—Digitally Enhanced (DE) and HART. It complements the Honeywell Smart Configuration Toolkit (SCT 3000) and SFC or can replace other Universal HART configurators. 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 provides two software applications with the following functions:

- The MC Toolkit software application configures both Honeywell DE and HART transmitter with the same hardware

- The SDC 625 software application configures any HART device whose device description is compliant with the HART Standard

Figure 1 — The MC Toolkit Configurator is specifically designed for ease-of-use and increased productivity.

The SDC 625 software application utilizes DD-IDE/SDC 625 technology and "Open" Tools standard. Each MC Toolkit is loaded with all HART Device Descriptions files so that any HART device can be configured – including common, universal and specific device commands. It will also allow vendor specific menus to be run.

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
- Any HART transmitter/device by other manufacturers

Honeywell Industrial Measurement and Control, 2500 W. Union Hills Drive, Phoenix, AZ 85027

Specifications

Qualified Pocket PCs:	Pocket PC 2002 devices: (See software requirements below.) HP h3800, HP h3900 Series, Dell Axim X5 **Microsoft® Windows® Mobile 2003 for Pocket PC devices:** HP h2210, h4150 and h5150 Dell Axim X3, Symbol 8146
Software Requirements	Must have Microsoft® Windows® Mobile 2003 Software for Pocket PCs and Microsoft® ActiveSync Version 3.7.1
Memory Requirements	Approximately 51MB (includes all HART registered device descriptions) All Pocket PCs ordered from Honeywell included a San Disk 256 MB Flash Memory Chip (or equal). All Software, including device descriptions, is preloaded on the flash memory chip.
HART Device Descriptions	Each MC Toolkit purchased will be delivered with a complete set of HART device descriptions loaded. If the Device vendor has qualified their device description with the HART Foundation SDC 625 tool, the device description is assured of being compliant with the MC Toolkit.
Protocol:	Honeywell DE (Digitally Enhanced) and HART 5.0/6.0
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 h2210, h3800 h3900, h4150, h5150 Series cable, Symbol 8146 Cable, Dell Axim cable
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

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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	Availability
Description			
MC Toolkit Configurator		MCT101	↓

TABLE I

Pocket PC Handheld Hardware	None	1 _ _ _ _ _	•
	HP iPAQ 2210	2 _ _ _ _ _	•
	HP iPAQ 5150	3 _ _ _ _ _	•
Interface Hardware	DE/HART Modem	_ 2 _ _ _ _	•
Product Holster	None	_ _ 1 _ _ _	•
	HP IPAQ Holster	_ _ 2 _ _ _	•
Cable Length	None	_ _ _ 1 _ _	•
(from Modem to Transmitter)	6 Ft. - Standard	_ _ _ 2 _ _	•
	20 Ft.	_ _ _ 3 _ _	•
Handheld Connector/Cable	HP iPAQ 2210/3800/3900/5150/4150	_ _ _ _ 2 _	•
	Dell Axim X3i and X5	_ _ _ _ 4 _	•
Software	None	_ _ _ _ _ 1	•
	CD ROM - (Includes User's Manual)	_ _ _ _ _ 2	•

TABLE II - Options

No Options	11	•
Hard Copy of User's Manual	UM	•

TABLE III

Factory Identification	XXXX	•

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