① Quick User Guide

Standard Accessories

GUT-6001C Flash Writer main unit x1, USB cable x1,
DC 12V/500mA adaptor x1, PC Software, drivers and manuals on CD-ROM x1

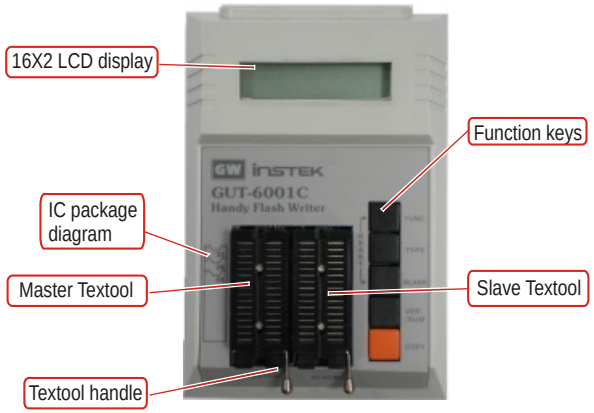
Main unit

Adaptor

USB cable

Introduction

Unit top view



Unit back view

Attention

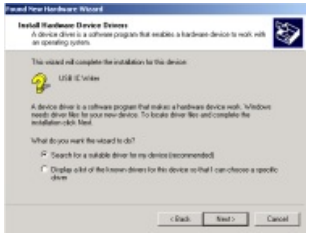
1. It is preferred to use an internal USB port of your PC. External USB ports are not recommended because of shared bandwidth and possible compatibility issues of other USB devices.
2. In PC mode operation, the Slave textool is used for all operations. In stand-alone mode, the source IC should be placed in the Master textool and the target IC in the Slave textool.

Install software and driver

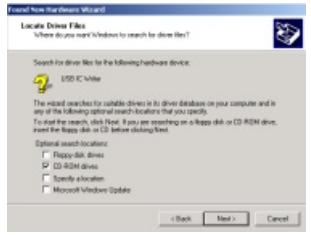
1. Set Font Size to [small fonts] (96 dpi) to have the optimal display.
   1.1 Click the right button on the desktop. -> Select the [Properties] at the bottom of the function menu.
   1.2 Select [Settings] and then click the [Advanced] to set Font Size.
2. Install the software before connecting the GUT-6001C to the PC.
   2.1 Insert the software CD into your CD-ROM drive. Normally the installation program will start automatically (if Auto Run is enabled for your CD-drive). Follow the instructions to complete installation.
   2.2 If Auto Run doesn't work, click [Setup.exe] in the CD directory to start the installation.
3. Install the driver for the GUT-6001C hardware.
   3.1 Make sure the GUT-6001C power is [OFF]. Connect the power adapter to the GUT-6001C and a power outlet.
   3.2 Connect the USB cable to PC USB port and to the programmer USB port.
   3.3 Turn the GUT-6001C power to [ON]. Windows will now start the [Found New Hardware Wizard].
   3.4 Install Hardware Device Driver
   -> Search for a suitable driver for my device (recommended)
   3.5 Select Optional search locations
   -> CD-ROM drives
   3.6 Driver Files Search Result
   -> Windows will find a driver for this device ...\driver\flashwriter.inf
   3.7 Click [Finish] in the Found New Hardware Wizard

The GUT-6001C software and drivers have now been installed and the unit is ready for usage.

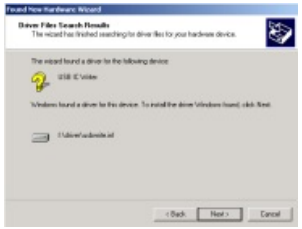
[3.3]



[3.4]



[3.5]



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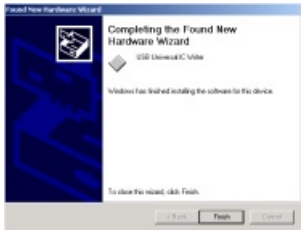
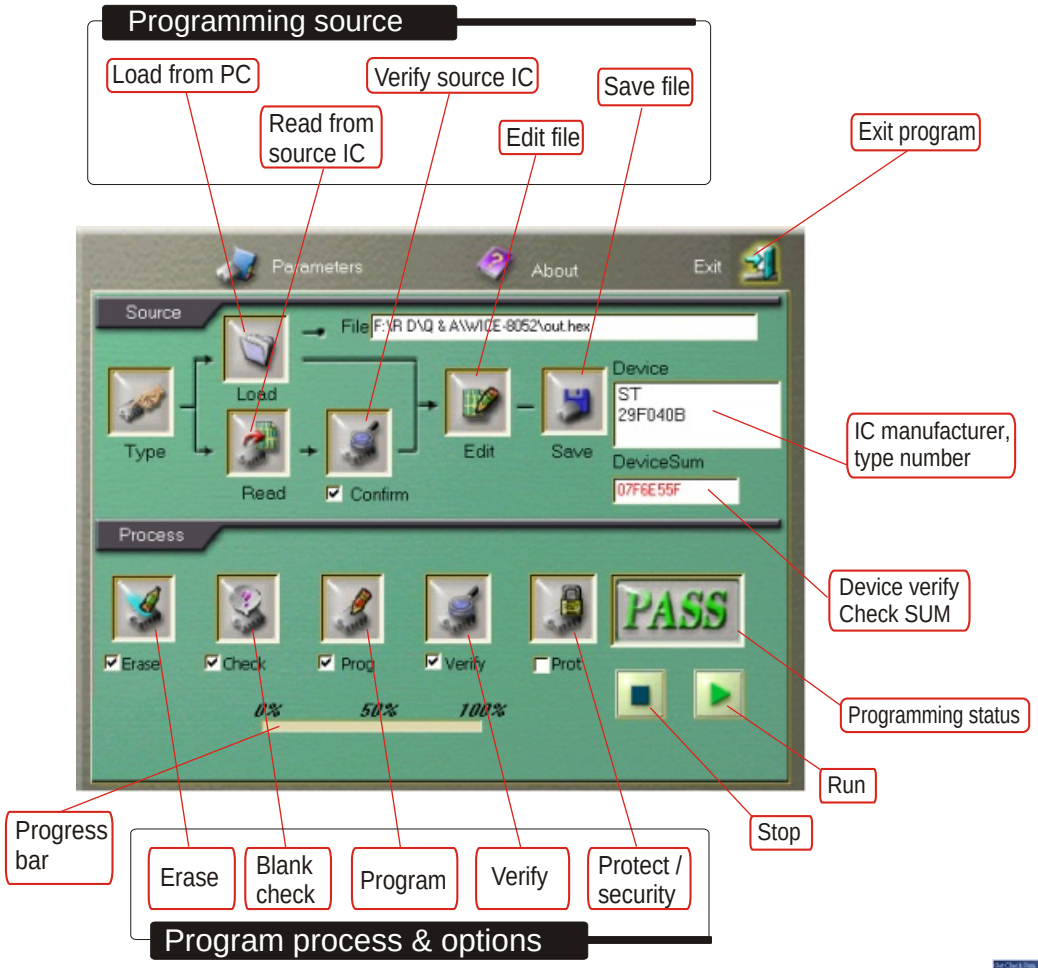


[3.7]

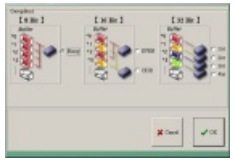
Quick User Guide ②

Operation window

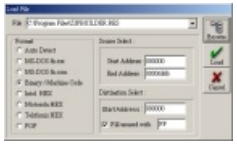


Select IC number

8/16/32 Bits



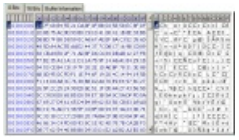
Load file



Save file

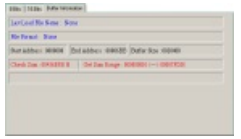
Source file editing

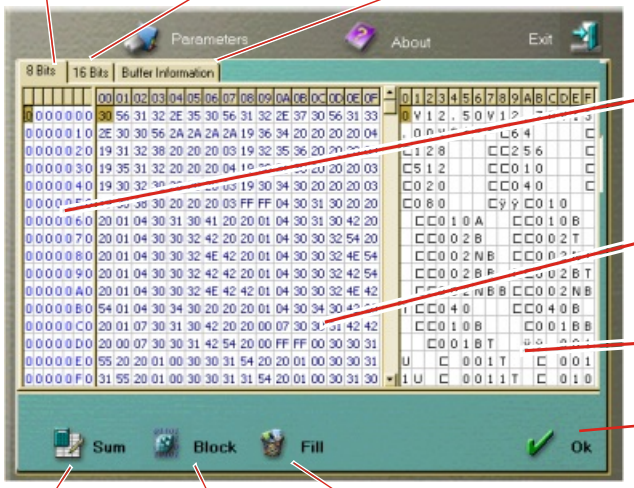
8bits HEX display



16bits HEX display

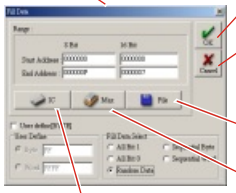
Buffer & file information





Get data block checksum

Data block - Move/Copy/Swap



Data block - Fill

Confirm changes

Cancel changes

Set data block range by load file size

Set data block range by maximum size of buffer

Set data block range by selected IC size

Stand-Alone Operation Mode

Main frame

LCD Display	Keypad	Function Descriptions
IC number IC Checksum 29F010 E700 C+P+V 5.00V Programming Procedure / Voltage	FUNC.	Select IC Vendor
	TYPE	Switch IC Number
	BLANK	Blank Check to SLAVE
	VER. /SUM	Read Checksum of MASTER and verify with SLAVE
	COPY	Copy MASTER to SALVE

Blank Check

IC number IC Checksum
29F010 ****
Checking >
Status

O.K.
29F010 ****
Checking PASS

ERROR
29F010 ****
Checking FAIL

Read & Verify Checksum

IC number Previous IC Checksum
29F010 26AF
Verify >
Status

O.K.
Read Checksum of MASTER
29F010 5612
Verify PASS

ERROR
Read Checksum of MASTER
29F010 12EF
Verify FAIL

COPY

IC number Previous IC Checksum
29F010 26AF
Verify >
Erase, Check, Program, Verify & Protect according to Prog. Procedure

O.K.
29F010 1A36
COPY PASS

ERROR
29F010 1312
Verify FAIL
Wrong procedure

Select IC Vendor

LCD Display	Keypad	Function Descriptions
Select IC Vendor Select Vendor AMD IC brand	FUNC.	Select Prog. Procedure
	TYPE	Switch IC Number
	BLANK	No function
	VER. /SUM	Confirm IC brand
	COPY	No function

Programming Procedure

LCD Display	Keypad	Function Descriptions
Select Prog. Procedure Select Procedure C+P+V Prog. Procedure	FUNC.	Flash - to select IC Vendor 27CXXX- to select Algorithm
	TYPE	Switch Prog. Procedure
	BLANK	No function
	VER. /SUM	Confirm Prog. Procedure
	COPY	No function

Programming Algorithm

LCD Display	Keypad	Function Descriptions
Select Prog. Algorithm Select Algorithm Q-100uS Prog. Algorithm ** Only 27Cxxx **	FUNC.	Select Prog. Algorithm
	TYPE	Switch Prog. Algorithm
	BLANK	No function
	VER. /SUM	Confirm Prog. Algorithm
	COPY	No function

Programming Voltage

LCD Display	Keypad	Function Descriptions
Select Prog. Voltage Select Voltage 12.70V Prog. Voltage ** Only 27Cxxx **	FUNC.	Select IC Vendor
	TYPE	Switch Prog. Voltage
	BLANK	No function
	VER. /SUM	Confirm Prog. Voltage
	COPY	No function