HF WEDM SETUP MANUAL :

V10 / X10 dongle is only suitable for V10 / X10 series software upgrade. Do not upgrade across versions for low version dongles If this machine has run other versions, please restart the computer before installing (upgrading) the software or restart the computer in time after installation

When installing a HF control card or other hardware devices on the mainboard,

disconnect the mainboard.

The underlying type :	Boot directly into HF software
desktop :	Desktop click the shortcut key to enter
The double system :	There is a system selection menu for boot

Please determine your software approach according to the above content :

Underlying System Installation :

Decompress the downloaded underlying software package to obtain the GHO file for subsequent use.

If the partition content is already complete, just go to 2 to complete the installation in one go.

The WINPE of the U disk is started.

1. Use partitioning software (such as DiskGenius) to select a hard disk for quick partitioning.

Quick Partition		×							
Select Disk: Disk1 (1.82TB) Partition Count 3 Partitions 4 Partitions 5 Partitions 6 Partitions 2 Partitions Tips: You can press "1, 2, 3, 4, 5, 6, 7, 8 or 9" key to quickly select partition count. Disk Type MBR GPT Rebuild MBR V Align Partitions: 2048 Sectors V	1: 20 GB FAT32 ▼ Label: System ▼ ? Prima 2: 20 GB FAT32 ▼ Label: Software ▼ ? Prima 3: 20 GB FAT32 ▼ Label: Docs ▼ ? Prima 4: △ 20 GB FAT32 ▼ Label: Pocs ▼ ? Prima 5: □ 1783 GB NTFS ▼ Label: Others ▼ ? Prima Default Size Clear All Labels Others ▼ ? ? Prima	ry ry ry ry							
Preview Layout Disk 1 Basic MBR E: S F: S G: H: I: Others 1.82TB 20									

Set the partition table type to MBR, the first partition to FAT32, and the capacity to 20G. The default

partition is the primary partition.

Other partition forms can be set arbitrarily or not. It is recommended to choose FAT32 for the second

partition.

1. Use the GHO restore tool built in WINPE

Symanteo	Local Peer to peer GhostCast Options Help Quit	Betion	<u>Copyrigh</u> Disk Partition <u>C</u> heck	Partition 🕈	:) 1998-2007 Symantee Corporation. All rights reserved. To Partition To Image From Image	
					Symantec.	

The selection sequence is local-partition-from Image

Image file name to	restore fro	om			
Look jn:	🖃 D: 1.2:		V	€	
Name	e	Size	Da	te	
HF90CNDC.GHC)	61,986,652			
File <u>n</u> ame:			_	Üpen	
Files of <u>typ</u> e:	*.GHO		T	Cancel	
Image file <u>d</u> escription	oni				

Select local GHO file (HF underlying GHO)

C -1				<i>4</i> 1-				
Jei	eer soure	e partition i	rom maye	Tille				
	Part	Type	ID	Description	Label	Size	Data Size	
	1	Primary	00	Fat32	HF	20491	81	
					Total	20491	81	L
	_		<u>0</u> K		Cance	el		J
				٩	symante	ec.		

Select the hard disk and restore the GHO mirror to block C.

After a few seconds, restart the computer to enter the HF wire-cutting system. For the first time, you need to enter the system code. To obtain the system code, dial 86-23-68218121.

(The bottom LAYER HF wire-cutting system has built-in USB hot swap function, and the mainboard can

plug and play in HF after ISA/PCI-USB card is inserted into the mainboard and restarted.)

Desktop Installation:

- 1. Ensure that the WINME/98SE system has been installed.
- <u>Cross-version software upgrade Note: If the computer has run HF software before, please restart the</u> <u>computer and perform the following steps to avoid the dongle damage caused by conflicts between the</u> <u>old and new drivers.</u>
 - 2. If the COMPUTER has been powered on by HF software, to avoid conflicts between the old and new drivers, restart the computer and perform the following steps.
 - 3. Copy the downloaded and decompressed Fhgd-C. EXE (or FHgd-E. EXE) and Quick Install (or SETUPE)

to any location on the HF working computer.

4. After clicking "Quick Install" (or SETUPE), any key confirm, HF will start automatic installation,

installation completion will be prompted, and create a shortcut on the desktop.

5. Click INSTALL HF Driver on the desktop (for the first installation only) to check whether the device is

complete. If INSTALL OK is displayed, the hardware is complete.

6. Click the shortcut "HF10" to enter the HF software (you only need to run "HF10" for daily work).

Refer to" HF software system parameter setting" .

Double -System (Or Underlying System) HF Software Upgrade :

First, make sure the decompression software (WINRAR/WINZIP/360ZIP) is installed on the

decompression computer.

Decompress the official software package.

Right mouse click FHGD-E.EXE (or FHGD-C.EXE) and select "Unzip to FHGD-E \E"

文件(F) 编辑(E)	添加到压缩文件(A)
组织 ▼ 🔤 打	添加到"FHGD-C.zip"(1) 用360压缩打开(Q)
	解压到(F)
	解压到当前文件夹(X)
	解压到 FHGD-C\ (E)
	其他压缩命令
FHGD-C	

Go to the FHGD-E directory (or FHGD-C directory), copy all of them and paste them into the HF software

directory of the HF working computer (default is C:\HF10), and choose to cover all of them when pasting.

Restart the HF work computer, new software will be displayed soon.

Refer to "HF software system parameter setting" :

The contents to be set after entering the software are as follows

(1) Software main interface - " param。" - "Cautiousely Change Parm." - "Jump-Line of control"



In case of PCI, no modification is required.

If it is an ISA card, please check the ISA card shadow jumper (9-13) and set the jumper to the

same position.

(1) PAPA:



Select - "Process" - "PAPA"

HF	V9				PULSE - 4 + ON/OFF
	1	Examine the time of short circuit	:	8(S)	
	2	The pure Cape postpones the time	:	No	Y
	3	Step number of UNDO	+	200(Step)	Λ
	4	Speed of UNDO	:	5(Step/S)	
	5	The Speed of NULL and MOVE and RESCT	÷.	200(Step/S)	V
	6	Most quickly speed of MOVE and RESCT		300(Step/S)	1
	7	CUT to End:Close machine and beep		Yes,Beep 5(S)	
	8	UNDO to End:Close machine and beep		Yes,Beep 5(S)	MOVE, CHEC, PARA EXIT,
	9	CUT the hour the most quickly speed		2000(Step/S),(1)	READ NULL UNDO
	A	Work piece thicknes (cal. effici. use)		40(mm)	
	В	Para. of Pulley	»	(When 4-axes.)	*UBJECT RESCT BEDGE A
	С	Para. of 4-axes	»	(Can't as on.)	+CUT B +ONE CONTIN
	D	Other parameters	»		-CUT -ONE STOP
	0	EXIT			TIME=0# 0000.00.00
NA	ME: E	XAMPZ 2NC SEGM: 0		10:30:20 MODE: Pa	ura EFF.STEP/S ESC

Set relevant contents, such as short-circuit measurement time, idle speed, machining

thickness and other parameters suitable for the machine tool.

HF V9				PULSE - 4 + ON/OFF
	CH	int:Can't as one's pl	eases modify)	
	1	XY-axes types :	5*10cp(1)	X
	2	UV-axes types :	З*6ср	Λ
	3	XY-gear' compensa.:	0, 0(µm)	V
	4	X-plank'direction:	Not Verse	Y
	5	Y-plank'direction:	Not Verse	
	6	U-plank'direction:	Not Verse	MOVE CHEC PARA EXIT
	7	V-plank'direction:	Not Verse	READ NULL UNDO
	0	EXIT		OBJECT RESCT CENTER
				+CUT +ONE CONTIN
				-CUT -ONE STOP
				TIME=0H 0000.00.00
NAME :	EXAMP2	2NC SEGM: Ø	10:30:49 MODE: Pa	ura EFF.STEP/S ESC

"Xyuv four axis parameter" selects the motor type, including whether the motor is reversed. After completing the above settings, exit the software and re-enter the software, and the settings will take effect.

[Other]						
(1) Copy File	(2) Edit Fil	e	(3) Delay Fi	ile		
(4) Delete File	(5) IGES->HG	T	(6) G Code Cl	nange		
(7) 3B Code->HGT	(8) 3B Codes	->processor	(9) G Code->ł	IGT		
(A) 3B Codes->Memorizer	(B) Involute	: Gear Para.	(C) RS232-Cor	n-In⁄Out		
(D) Cls Program View	(E) Cls Proc	(E) Cls Process View		(F) HF Initialization		
(G) Process Output	(H) Backup P	(H) Backup Parameters		(I) Load Parameters		
(J) Bottom Config Cancel	(K) Bottom C	(K) Bottom Config Set		py File		
(M) Card XYUVZ Ordinate	(N) CPU Floa	ting Point	(0) Card BIOS Set Explain			
(P) Date Times Setting	(Q) HF Down	Shutdown PC	(S) G Support In/Output			
(S) RS232-Com Check	(T) File Bat	(T) File Batch In/Output		(U) All Data Sfx To Zip		
(V) HF Updat (W) Proces	s (X) Program	(Y) PageUp	(Z) PageDown	(0) EXIT		
	HF WED	M V/X9				

HF SOFT UPDATE :

Go to HF software and select "Other "- "HF Update" .

HF Soft Upgrad	le			
Pls Select The	e Upgrade File	(FHGD-E.EXE)		
	FINTES	TNEHF90		
N PIFN SETUP.EXE	DRUN USERDATN Z.EXE	HELPN FHGD-E.EXE	ICON INSTALL.EXE	
Disk	<<	>>	Exit	

The storage medium must have the official FHGD-E. XE (FHGD-C.XE) installation package of HF software. The storage media can be a hard disk or usb flash drive. If the storage media is a hard disk, copy the installation package to the hard disk in advance.

USB flash drive: Insert the USB flash drive (HF-USB card port) and select the corresponding USB flash drive number in the path.

Hard disk mode: Disk ID In the path Select the disk ID.

After the installation package is selected, the automatic upgrade takes about 1-2 minutes. Please unplug the USB flash drive as prompted. After the upgrade is complete, the system will automatically shut down (unplug the USB flash drive). Restart the system and the new version will be displayed immediately. Technical service (wechat)



HF Official - Chongqing Huaming Opto-electronic Technology Institute (All Rights Reserved)

http: www.hgdsoft.com

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Please verify the validity of the software and hardware in use to protect your legitimate rights and

interests.