

$\mathcal{D}_p$

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 & \approx & \uparrow & & \\
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UHV-505

1 (Damped AC Voltage

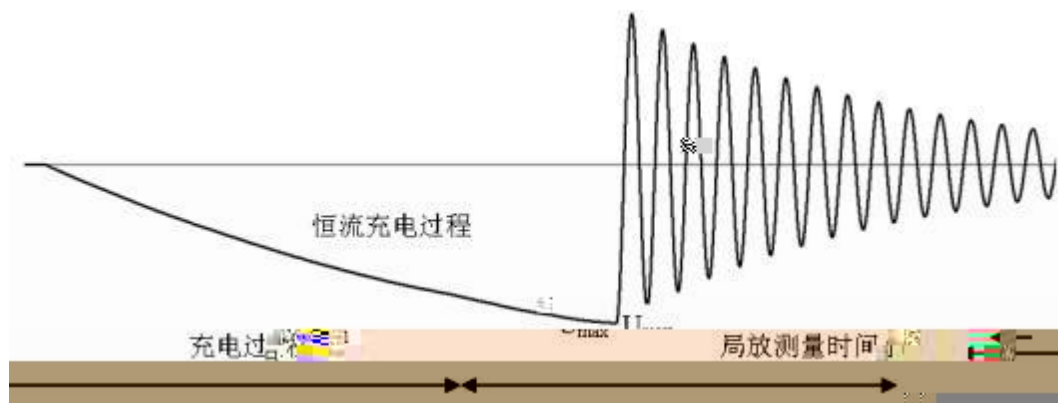
DAC)

30k

	γ	.	ρ	1	1 № 1	1	τ	№
№	γ	ü	ĩ					
	γ				γ		L	γ
		№	№ 1	/	№	~	~	
UHV-505			1- 1					
			1- 1	UHV-505				
	~							
1					220VAC±10%	50Hz		
2		⌘	1 ()		30kV			
3					20Hz~500Hz			
4					200m~20km			
5	1				8mA			
6	1	τ			ü	ü	1	τ
						1μs		
7	1	τ			τ		1Ω	
8					1pC~100nC			
9					№	IEC60270	%	
10					150kHz~45MHz	~		
11					1 % (	№	2m)	
12					0.1 %~ 10 %			
13					100MHz			
14					32MB (	300ms	)	
15	L				L	L		
16		%			~ / ~			
17					~ γ 1	~	Ö	

系统软件

	1	~	1
~	No	1	1
1		~	
No	w	1-2	
1-2		w	
		w	
1	(1)		
	(2)	~	
	(3)	1	~



2-2

1

局部放电检测原理

DAC	IEC60270	%	%	
(ERA)	≠	No	M kHz	kHz
,				
pC	ı			

$$(2) - (4) \quad \text{得} : \quad = -\frac{\Delta \times}{2}$$

$$\parallel \frac{-}{2} : _1 = - \tag{2}$$

$$\text{得} \parallel \frac{-}{2} : _2 = \frac{21-}{\quad} \tag{3}$$

$$\Delta = _2 - _1 = \frac{2-1-}{\quad} \tag{4}$$

2-3 1

三、操作步骤

检测步骤

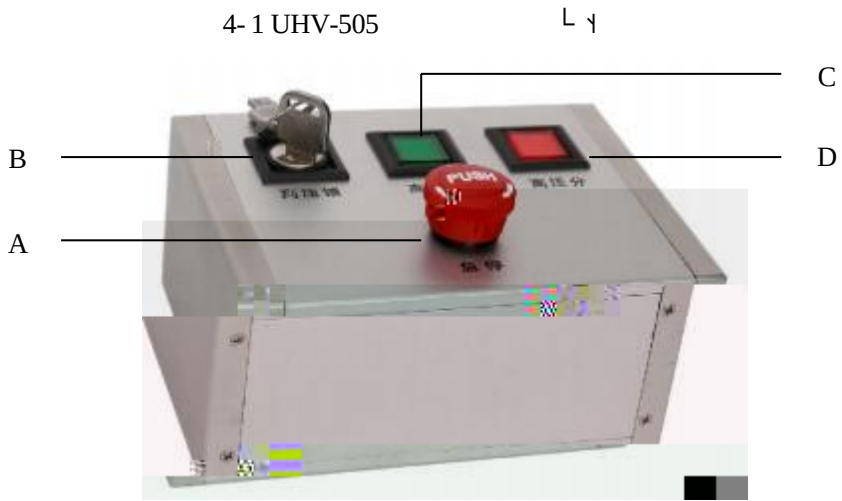
3-1

(8)

(9)

(10) W





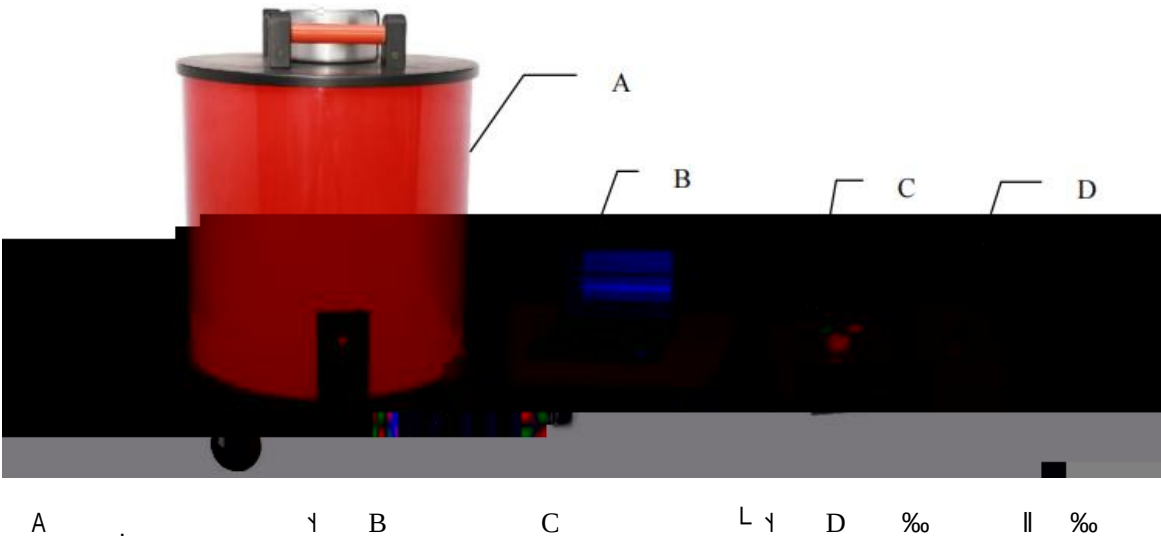
A B C D

4-2

请时 4 中的五项安全规则

五、系统构成

UHV-505 1 L 1
% 11 % 1 5-1



5-1 UHV-505

一体化阻尼振荡波单元

UHV-505 1
(1) 1 1 L 1
(2) 1
(3) 1 /No 1
(4) 1 1
(5)

测试系统

1 L 1 1 1 L 1 1
No No 1 /
5-2

5-2

外部安全控制单元

UHV-505

L 4.4

标准放电电压

%o || %o ρ τ / 5-3

、 充电 %o ρ ~ 9V τ /

B、

‰ ‖ ‰ ~ 20pC~100nC 12 ‰ ‖

5-4

τ

配春附秋

UHV-505

5- 1(

)

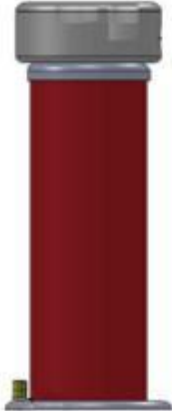
1

N

5- 1 UHV-505

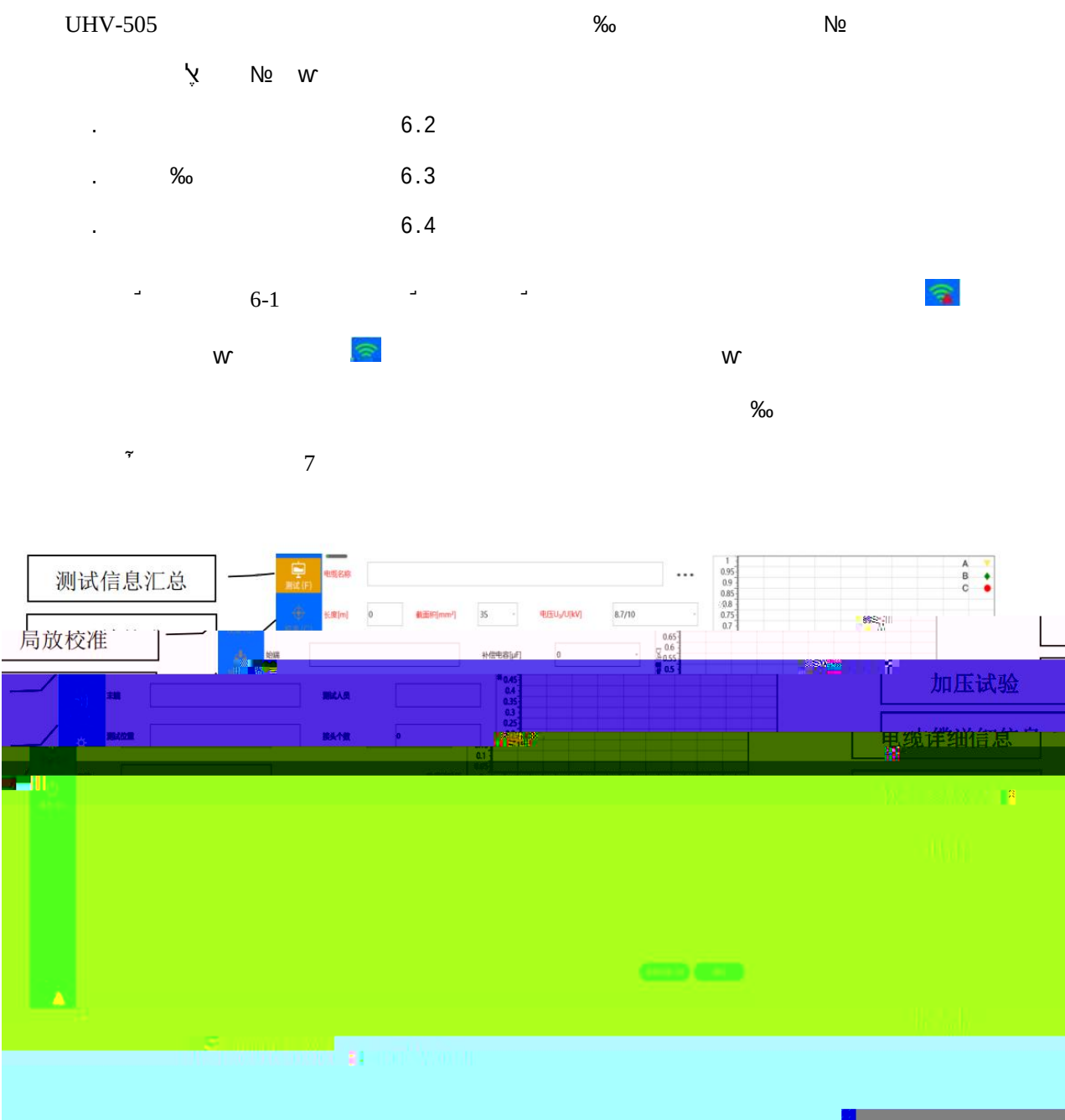
序号	名称型号	数量	规格	图片
1	1	1	1	
2		2		
3		1	2	

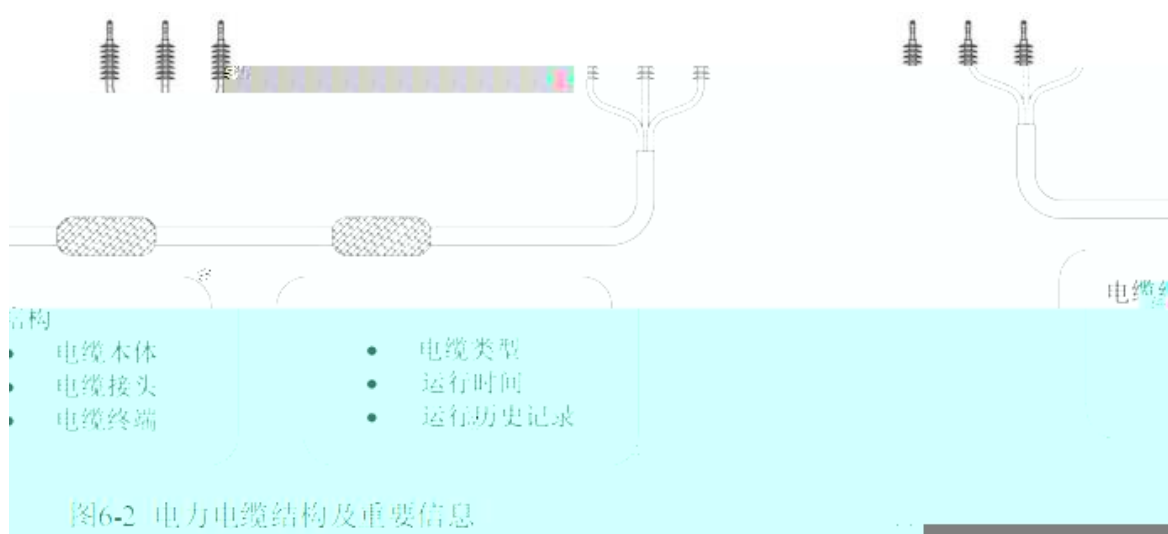
序号	名称型号	数量	详细描述	图片
4		1	黑色电源线，一端为两芯插头，另一端为两芯插座。	
5	黑色电源线	1	黑色电源线，一端为两芯插头，另一端为两芯插座。	
6	9V	1	9V	

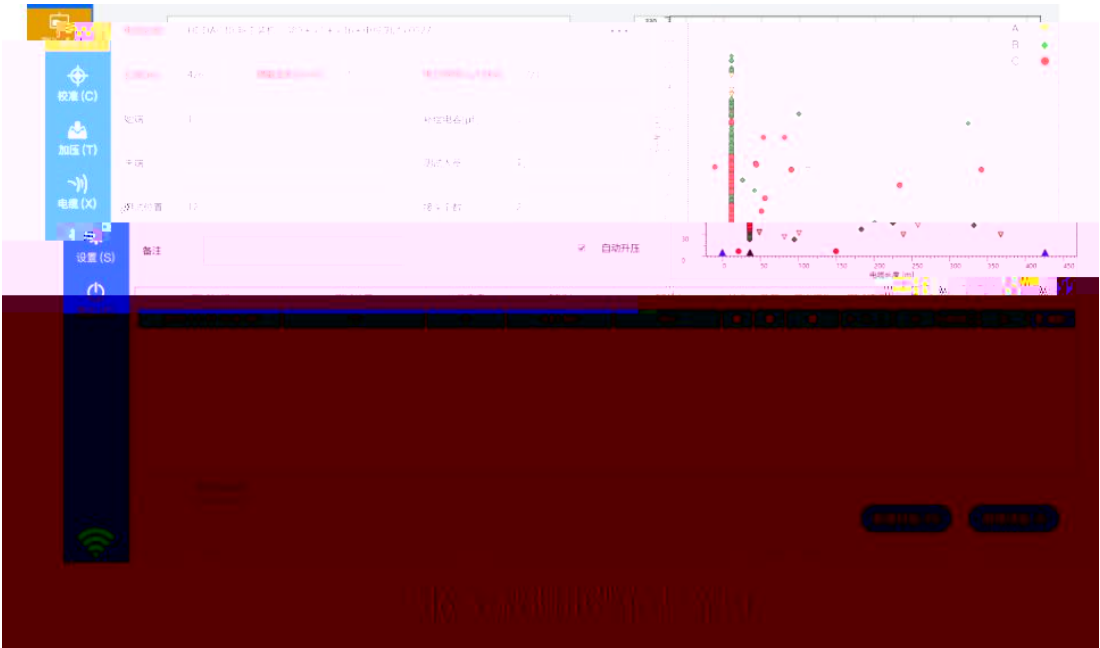
序号	名称型号	数量	详细描述	图片
8	1	1	1 1	
9	1	2		
10		1		

六、测试系统软件

总述

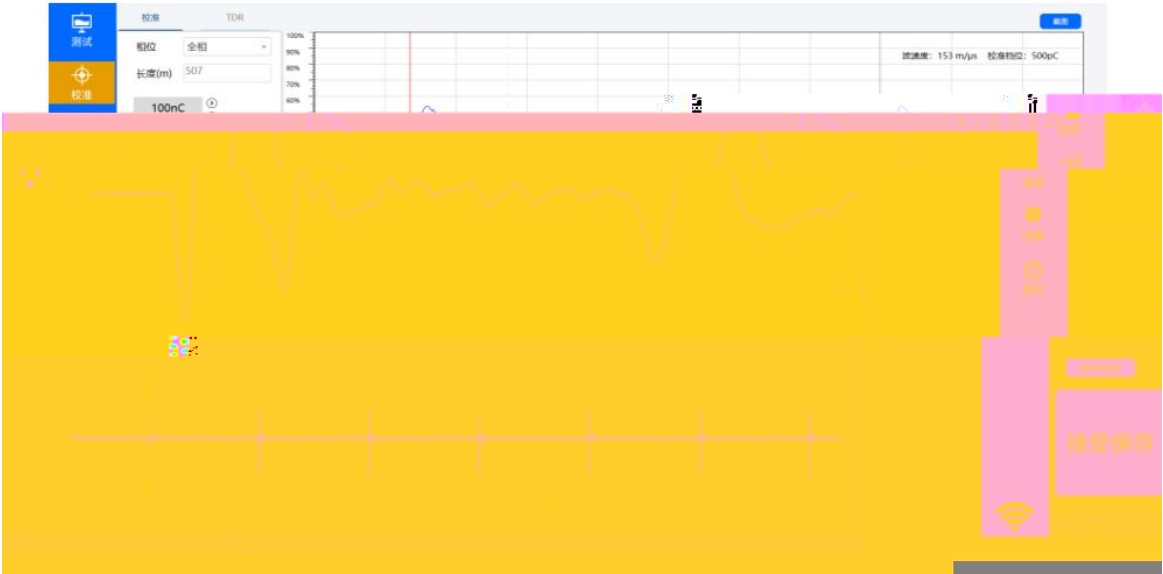






局放校准

D_p “ ‰ ”  ‰ 6-4 ‰
 20pC~100nC 12 ‰ ‰ ‰ ‰ ‰ ‰
 v 1 $\parallel$ ‰



6-4 ‰

加压试验

D_p “ v 1 ”

错误! 未定义域。

$\sim$ 1 1 1 1 1 L No w

程序升压



A B C D 1 1 E 1 1
L F G H 1 1 I U₀ J 1 1 K
1 1 L - M N O P

手工升压

43

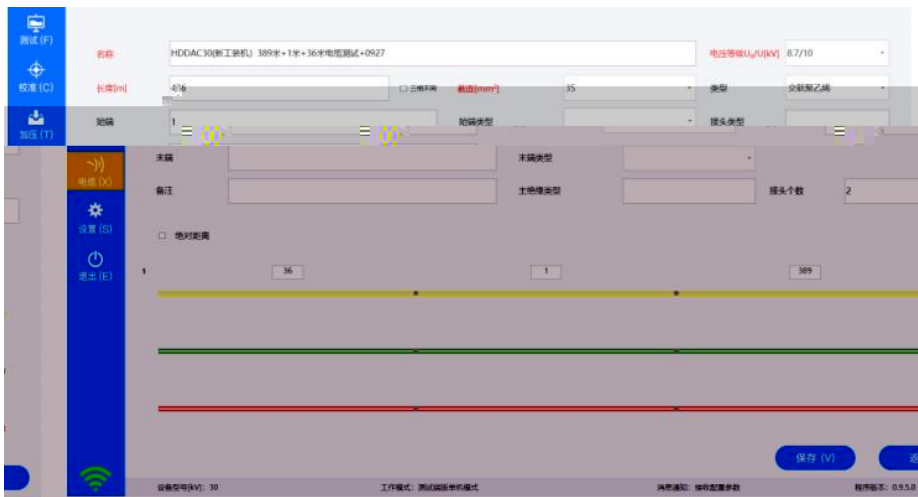
A	B	C	D	1 1	E	1 1 ⊕	F
G	1 1	H	U ₀	I 1 1	J 1 1	K -	L
M	N	O	6-6	1 1			

中缆详细信

错误 7 ~ -

6-7 ↓

$\mathcal{D}_p$ “ ν ” “ ”



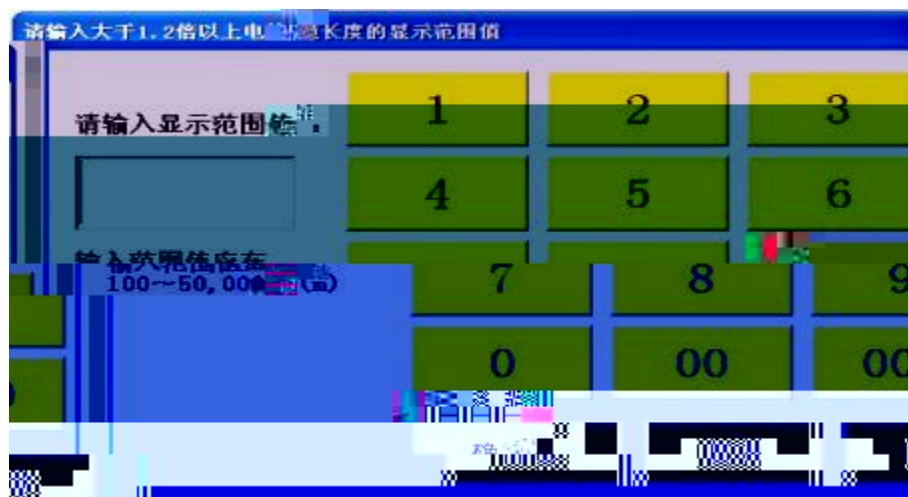
6-8



6-9

6-9

7-2



7-3

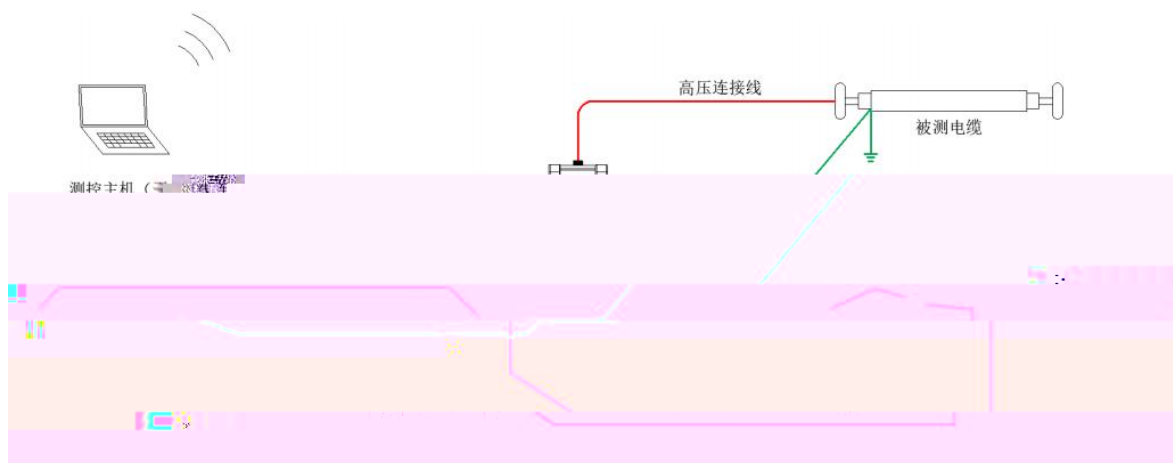


系统连接

250

UHV-505

7-5



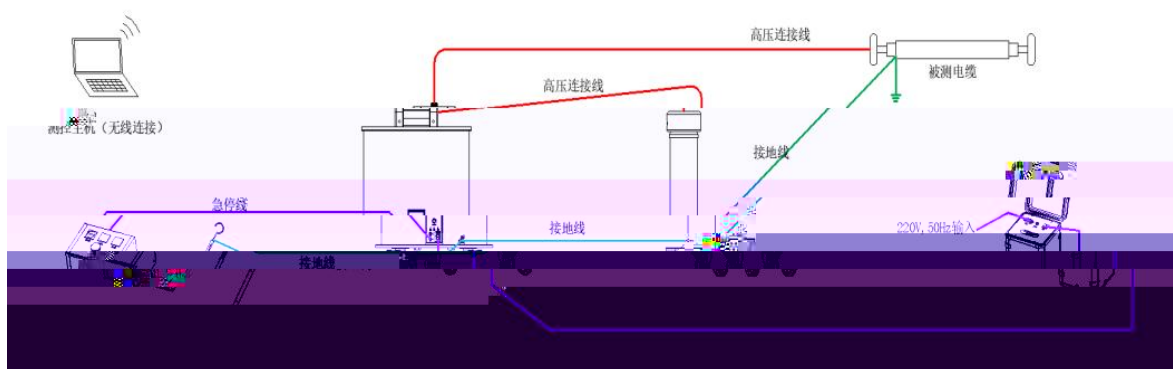
7-5 UHV-505

()

250

UHV-505

7-6



7-6 UHV-505

()

注意:

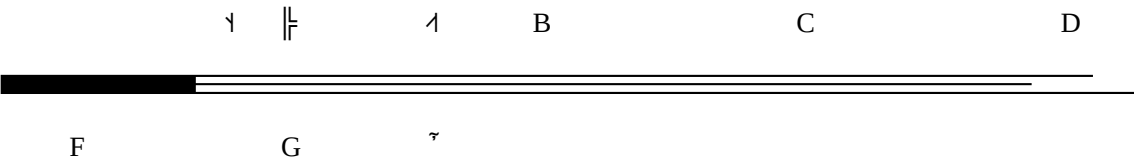


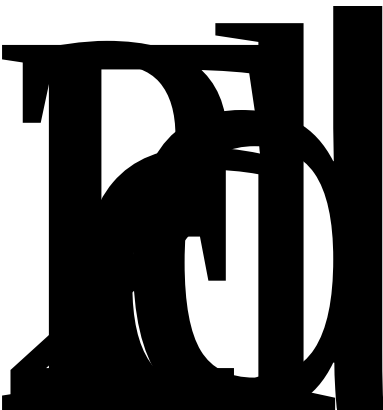
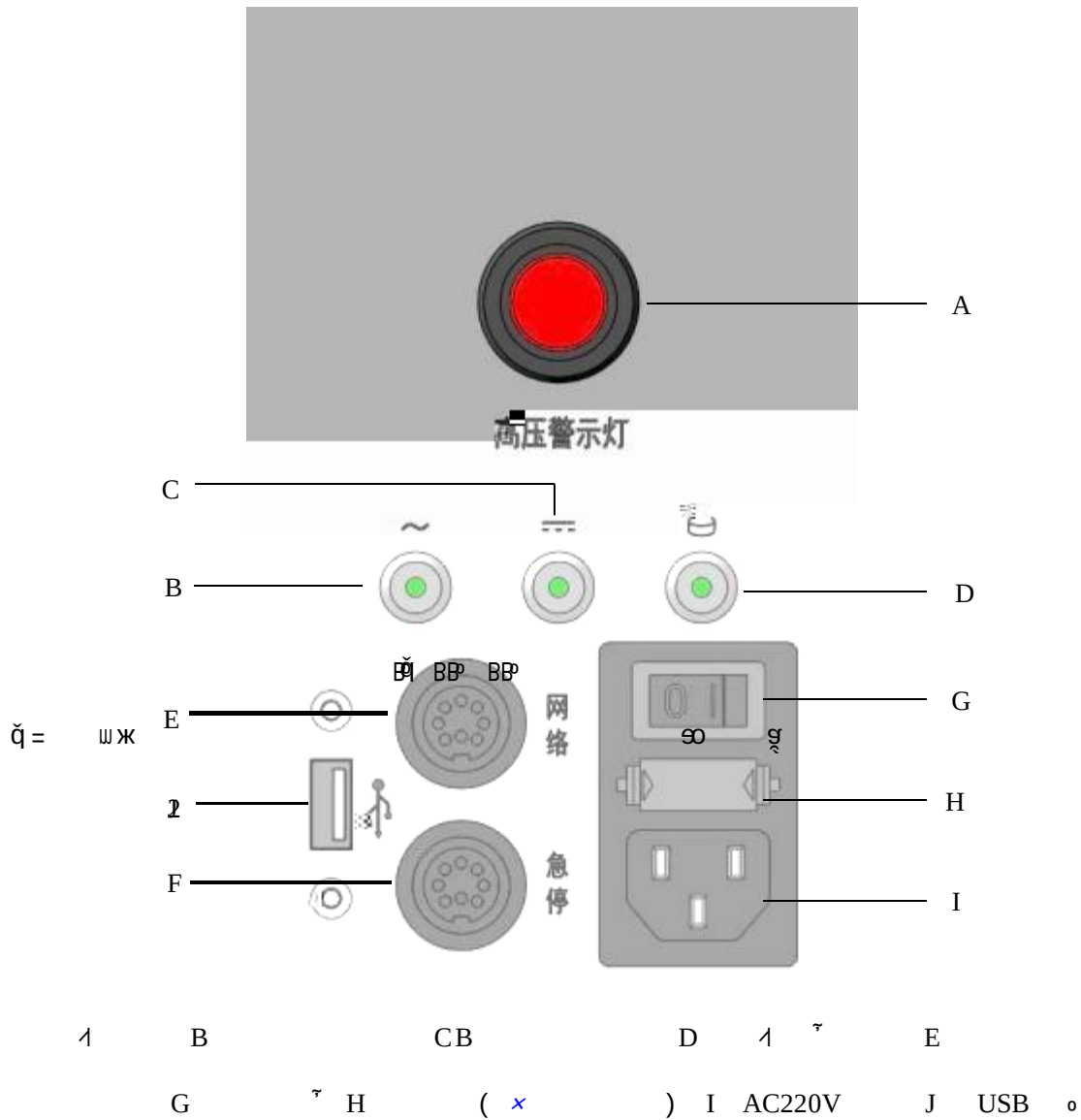
OPEN

7-7 UHV-505



7-7 UHV-505



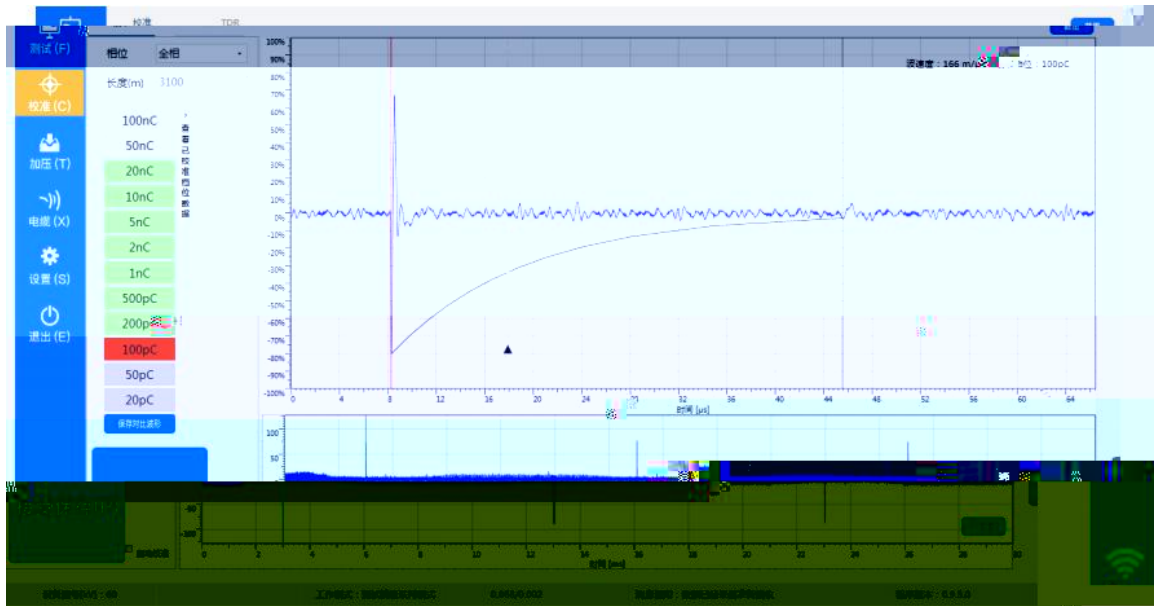


Y

接地

UHV-505

- (2)7-8τϕ
- (3)Windows
- (4)“ HDDAC-XXXX ”XXXX
- 00019999“ 12345 ”7-10WIN8 ĩ
- WIN103



7-11 %

(1) % || %

(2) % | %

% ~

1nC.... 100 nC

% ~ 100pC...5000pC

(3) % D_p %

(4) % % $I \downarrow$ | % % %
 D_p - $\ddot{U}$ % “ $\dot{I}$ ”

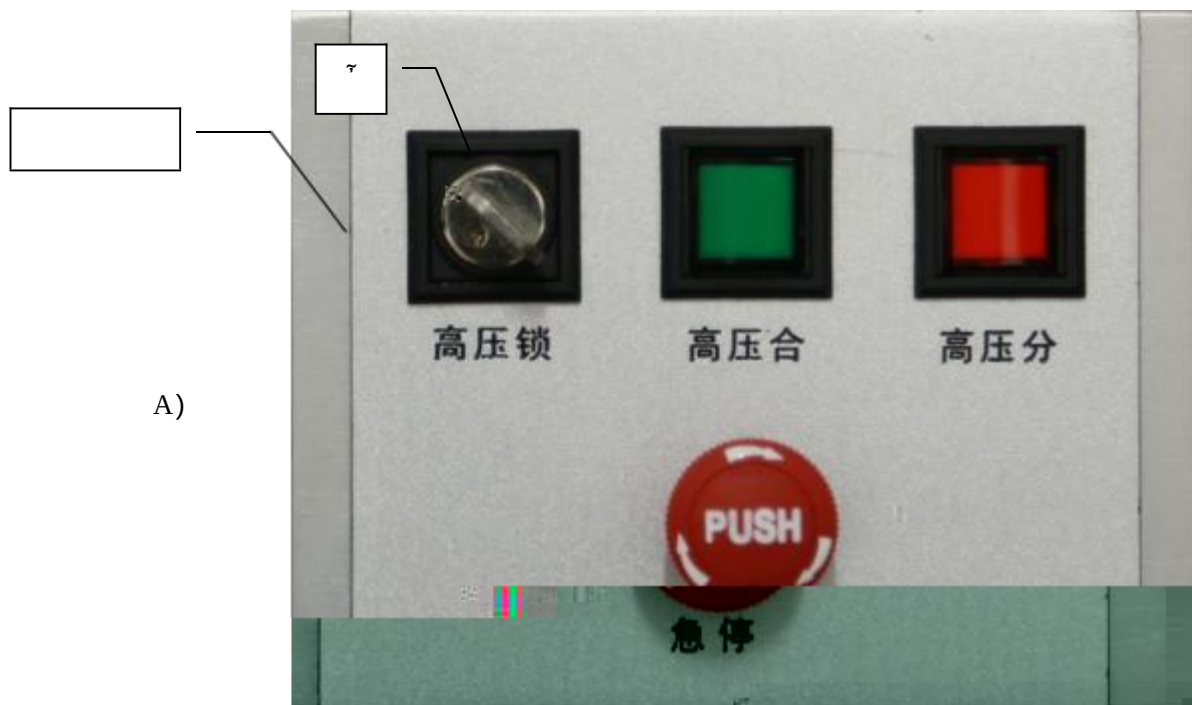
%

(5) 4 % % 20pC % No

加压测试

压

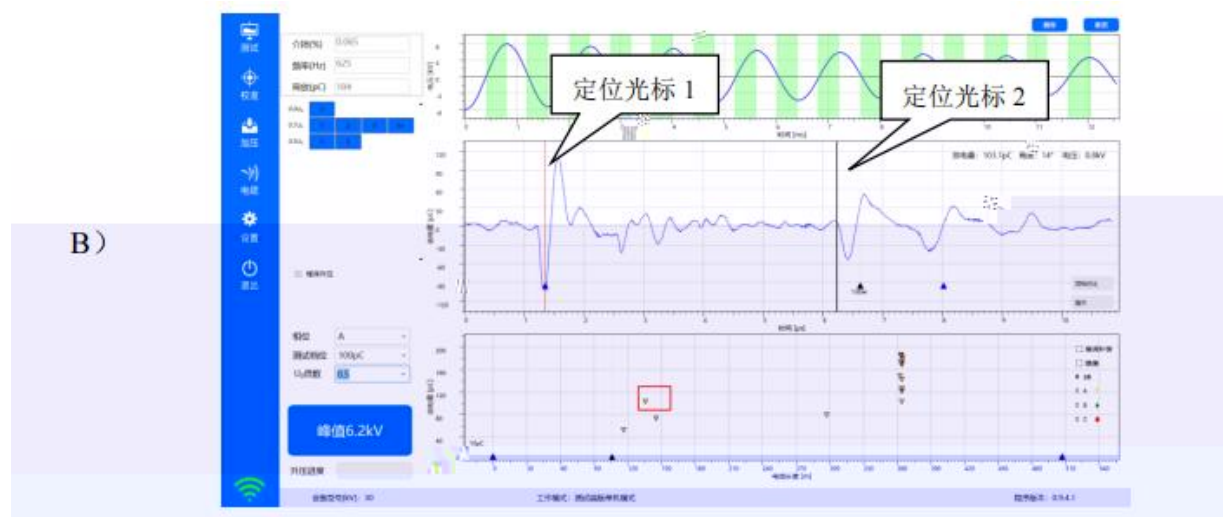
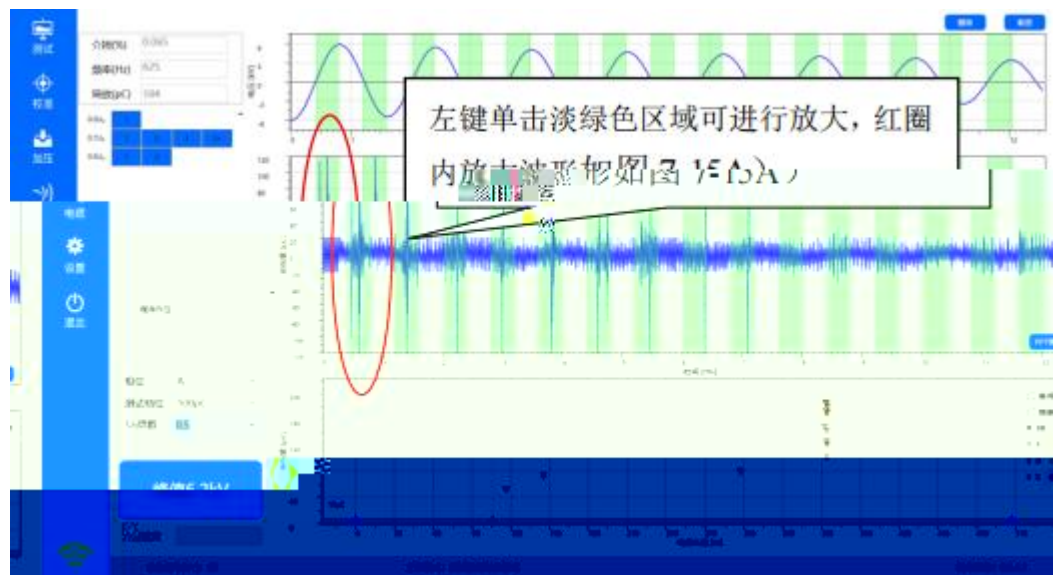
% v 1 (DAC) 1 $I \downarrow$
 $\uparrow$ 1 | U_0 U_0 1 U_0 1
 $\downarrow$ U_0 1 $\ddot{U}$ $\downarrow$
 $\uparrow$ 1 1 1 $\ddot{U}$ $\uparrow$ 1



A)



B)





ψ 1 || %o ĭ ã 手工加压 1 1 1 1

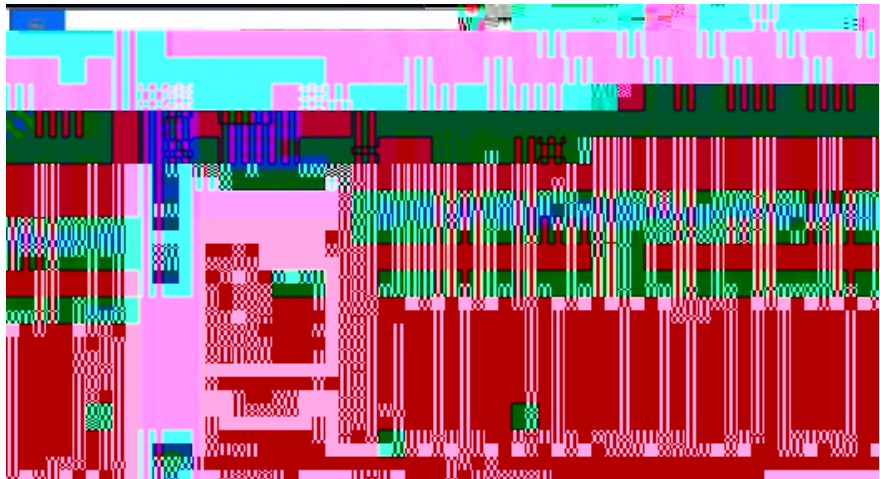
 - 1 1 | No

 ' “ - 1 1 ” † ψ 1 1 1 (- 1 1)

7- 16

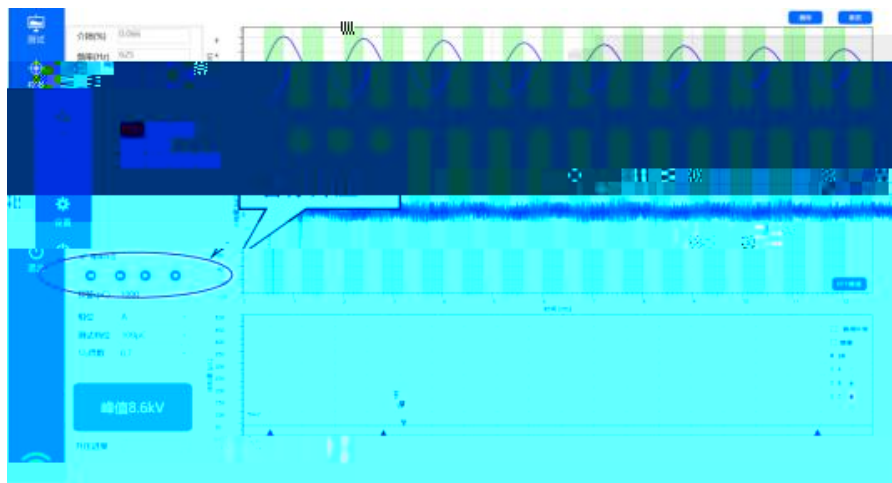
7-16 7 4

[illegible]



1 1

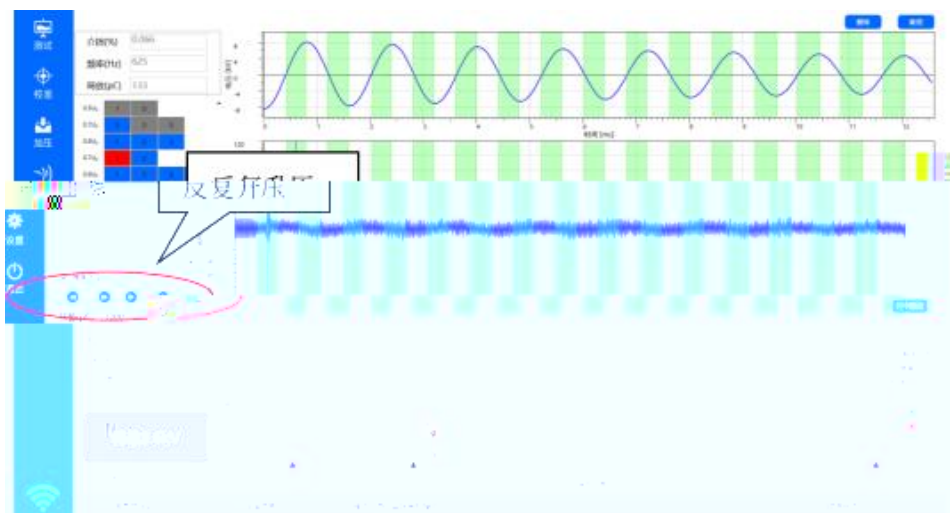
1 1 ~ / D_p “ ” 0 i 1 1
 - 'P D_p ↓ 1 1



7-18

1 1

~ D_p “ || / ” || i 1 1 || 0.7U₀ D_p
 1 1 ↓ 1 1



1 1 i 1 1

D_p “ ” 1 1 'P D_p “ 1 ” 1 1 ↓
 1 1 1 1 “ / ” 1 1
 1 1 0 i -

3 + >> .

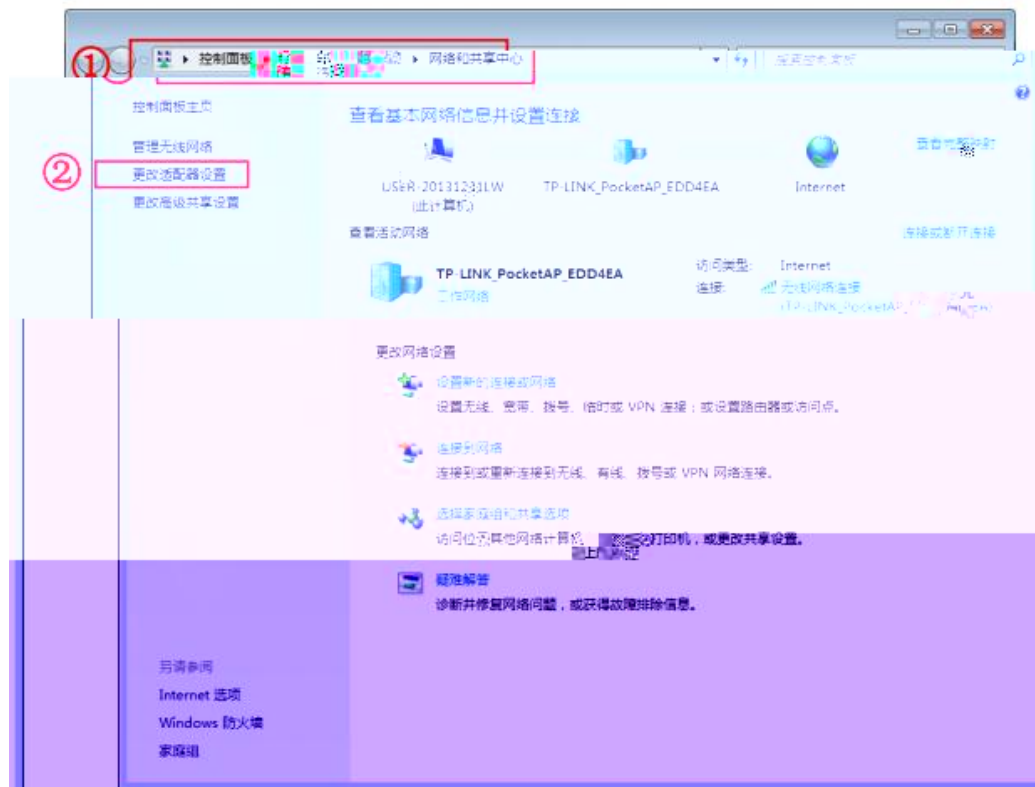
Y F741Q 7€,spÑX%q P Jóp ®

九、疑难问题解答

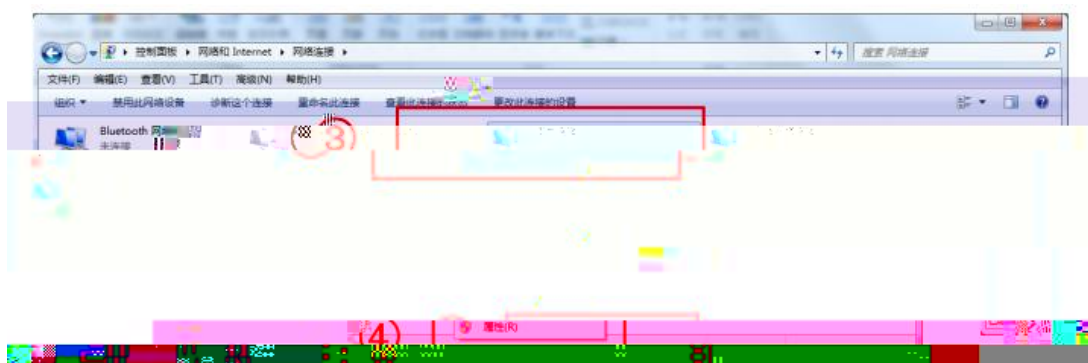
1

方式一：有线方式连接

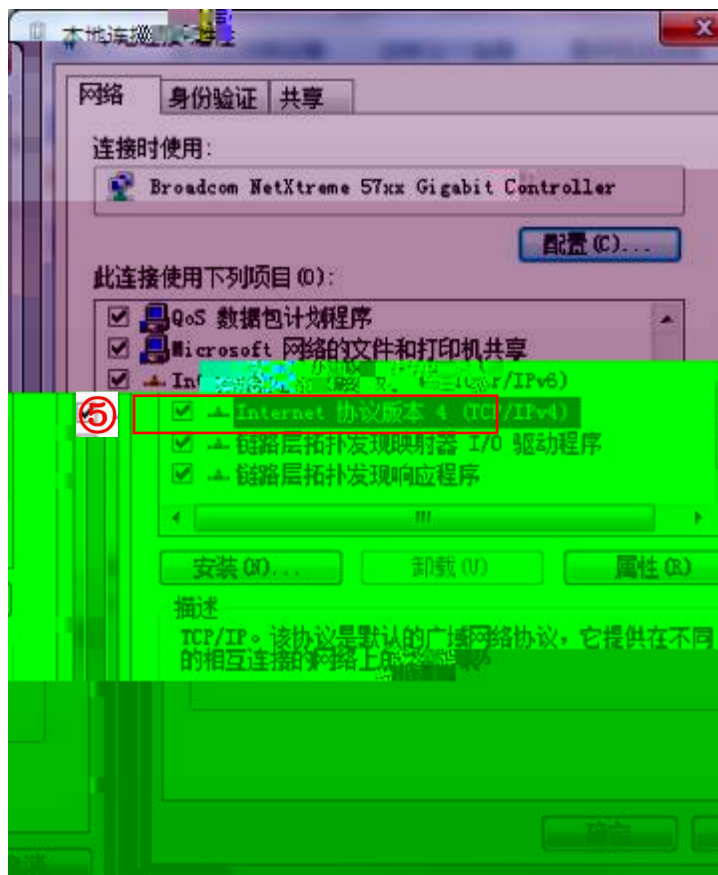
- (1) “ ”
- (2) “ ”



- (3) “ ”
- (4) “ ”



- (5) “ ” “Internet ” 4 (TCP/IPv4) ”

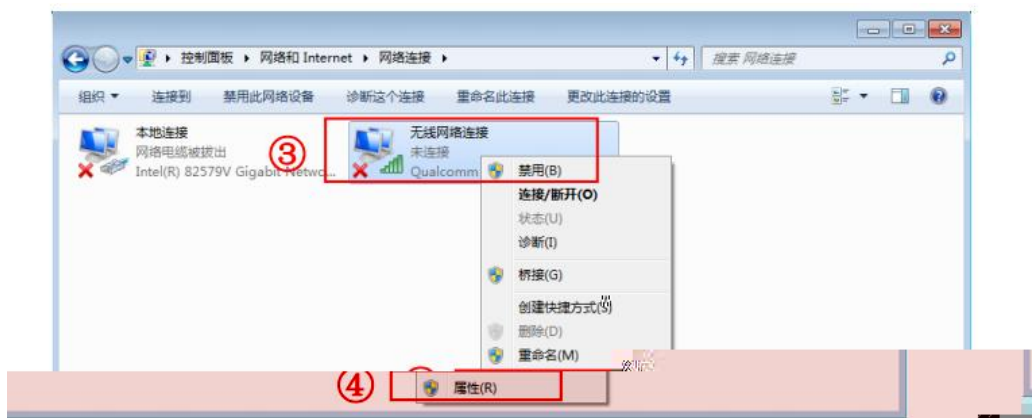


- (6) Internet 4 (TCP/IPv4) IP " 192.168.3.* " (* 2~254)
 " 255.255.255.0 " " " " 192.168.3.1 " " DNS " "
- (7) 4 " "

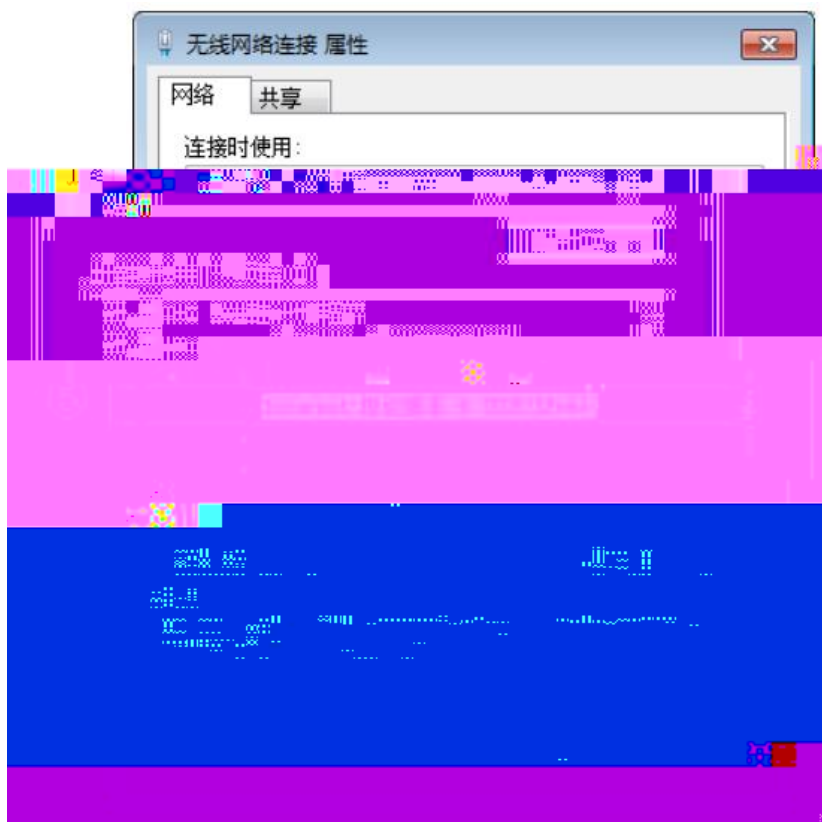
(8)

—

□



(5) “ ” ĩ Đp “ Internet ” 4 (TCP/IPv4) ”

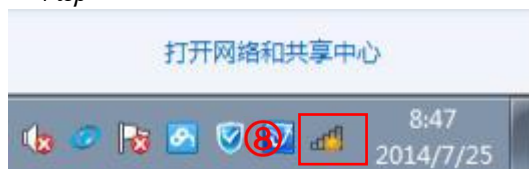


(6) Internet ” 4 (TCP/Ipv4) IP “ ” IP ”

(7) ” Đp “ ”



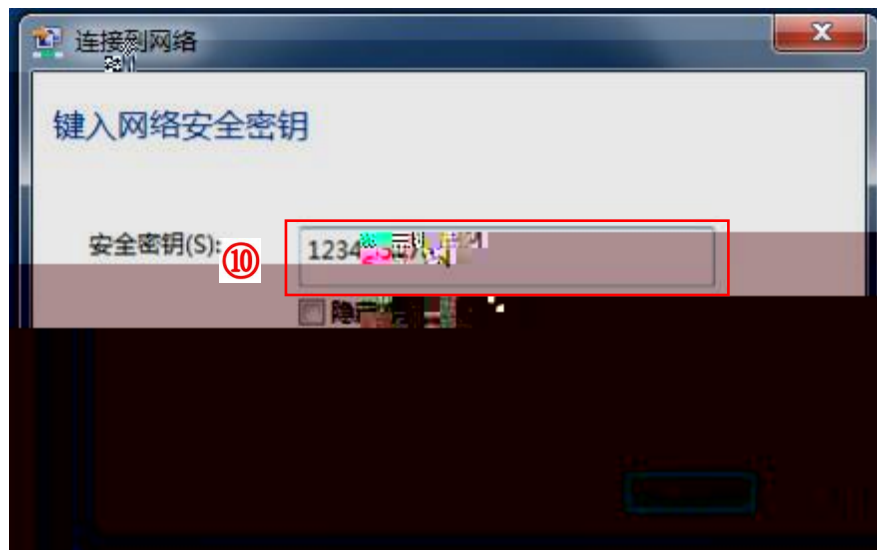
(8) $\downarrow \mathcal{D}_p^\circ$



(9) “ HDDAC-_Wifi_XXXX ” $\mathcal{D}_p$ “ ”

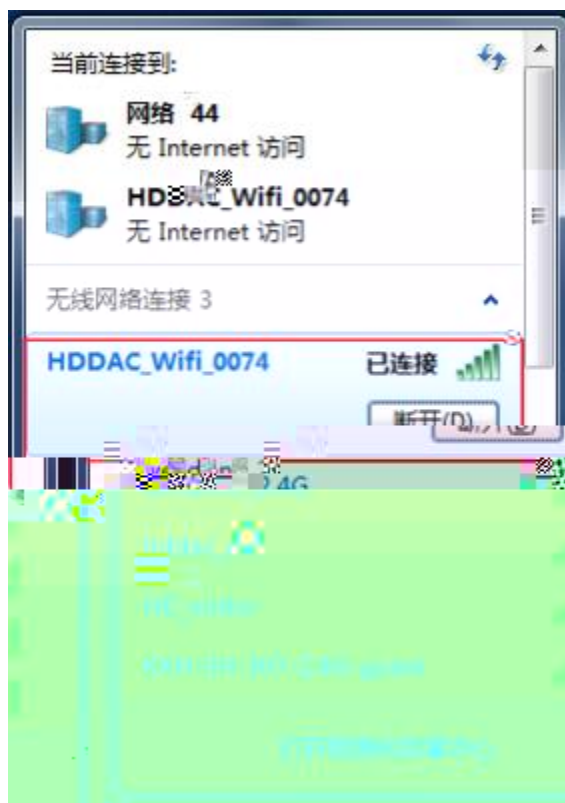


(10) “1234567890”



(11) ↓ “ ”

0



(12)

~ [kV] 60 "

