SARII 使用说明/USER MANUAL

一、检测:

Check

 将标准洁净的测试条样本,正确插入 Reader 中(滴试剂一端先插入,直到全部插入 顶到插槽底部),如图;

Insert the ticket into the Reader. Make sure the ticket is standard and clean.(The dripping end first and ensure it contact the end of the groove). See the following picture::



(INSERT)

2、按下绿色按钮,开始检测样本,直到设备 LCD 显示五条黑(或白)竖线,检测结束,再次按下绿色按键,退出。

Press down the green button and the ticket is checked. Until the LCD shows five lines the check is completed. Then you can press the green button again and exit.

二、数据和图象的传输 Data and Image transmission:

(一) USB-COM 传输:

USB - COM transmission

(USB-COM 驱动已经正确安装)设备接入 PC,打开 PC 端程序
"CogentTicketDemo.exe",选择正确的COM口,进行连接,如下图:

(Make the driver of the USB-COM is installed well)Connect the PC and open the application program "CogentTicketDemo.exe" . Please choose the right COM port and connect. See the following picture::

lueToot ash DB lis	 h Name:CS0023	COM4 Connect	Sync Ti	ne	G	et Flash Clean F.	i DB Lis lash DB	:t		Update]				
			n	ot conne	ect to f	lash DB		selec	rt all						
S/N	SampleID BT Name	Data Time	C_1	C_2	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_10	Code Info
				_		_		_	_	_		_			
								_				_			
								_				_			
		Upload (i	mage)						Fast	Load (T)	(T)				

(CONNECT)

2、选择"Get Flash DB List",查看到所有检测结果及时间,如下图:

Choose "Get Flash DB List" and look about the check list as the picture shows below:

ueToo	- th Name: ist	CS0023	5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
			Γ	there	are 28	files i:	n flash	DB	selec	t all						
/N	SampleID	BT Name	Data Time	C 1	C 2	P 1	P 2	P 3	P 4	P 5	P 6	P 7	P 8	P 9	P 10	Code Info 🔺
	AA01	CS00235	2007/09/27 15:22:21	8706	8706	407	407	335	335	327	327	354	354	452	452	050002
	AA02	CS00235	2007/09/27 15:22:32	8757	8757	430	430	327	327	326	326	388	388	436	436	050002
	AA01	CS00235	2007/09/27 15:23:06	8791	8791	410	410	366	366	372	372	382	382	432	432	050002
	AA02	CS00235	2007/09/27 15:23:16	8772	8772	380	380	335	335	337	337	344	344	451	451	050002
	AA03	CS00235	2007/09/27 15:23:26	8807	8807	404	404	368	368	325	325	380	380	446	446	050002
	AAO4	CS00235	2007/09/27 15:23:36	8736	8736	403	403	362	362	367	367	371	371	470	470	050002
	AA05	CS00235	2007/09/27 15:23:46	8772	8772	404	404	358	358	358	358	370	370	464	464	050002
	AA06	CS00235	2007/09/27 15:23:57	8773	8773	406	406	359	359	351	351	363	363	472	472	050002
	AA07	CS00235	2007/09/27 15:24:32	9385	9385	0	0	0	0	0	0	0	0	0	0	050002
	AA08	CS00235	2007/09/27 15:24:44	9385	9385	0	0	0	0	0	0	0	0	0	0	050002
	AA09	CS00235	2007/09/27 15:25:04	13404	13404	11171	11171	7414	7414	3768	3768	1985	1985	1148	1148	050002
	AA10	CS00235	2007/09/27 15:25:15	13401	13401	11241	11241	7481	7481	3760	3760	1985	1985	1140	1140	050002
	AA11	CS00235	2007/09/27 15:25:24	13395	13395	11165	11165	7413	7413	3749	3749	1988	1988	1142	1142	050002
	AA01	CS00235	2007/09/27 18:51:11	9038	9038	402	402	331	331	320	320	342	342	382	382	050002
	AA02	CS00235	2007/09/27 18:51:22	9022	9022	350	350	290	290	290	290	292	292	415	415	050002
	AAU3	CS00235	2007/09/27 18:51:32	8947	8947	330	330	280	280	324	324	277	277	365	365	050002
	AAU4	0200235	2007/09/27 18:51:42	8985	8985	314	314	319	319	305	305	321	321	389	389	050002
	AAUS	CS00235	2007/09/27 18:52:02	10054	10022	304	304	305	305	301	301	305	305	313	313	050002
	AAUG	1500235	2001/09/21 18:52:19	13034	13054	11402	11402	1010	1010	3013	3013	1909	1909	1104	1164	050002
1			Upload (imag	(e)					ļ	Fast 1	Load (TX	T)				

(GETDB)

3、选择其中的记录(ALT 或 CTRL 键可以进行多选)或"Select all",然后选择 "Upload(Image)", PC 屏幕提示是否开始,如图(UPLOADSTART),选择"是", 传输开始,设备 LCD 显示"Start Upload",将设备内部数据和图象通过 USB-COM 口传输到 PC 端,设备如下图(UPLOADFINISH);

Choose some of the records(USE ALT or CTRL to select more) or choose "Select all". Then press "Upload(Image)". While the program will give you the message that confirm the operation.(SEE the picture below). Select "Y", transmission begins. The LCD on the Reader will display "Start Upload". It transfers the data and image inside to the PC through USB-COM port. The device shows in the following picture(**UPLOADFINISH**):

					Get Flash DB List							Update									
	N	OK	Connect	Sync Tim	ne		lean Fl	ash DB.													
uerootn	маше.	030023	J																		
ash DB list																					
				there	are 28	tiles i	n flash	DB	selec	ि वर्षा											
X/N	SampleTD	BT Name	Data Time	[C 1	C 2	P 1	P2	P 3	P4	P 5	PB	P 7	P 8	P 9	P 10	Code Info					
	AA01	CS00235	2007/09/27 15:22:21	8706	8706	407	407	335	335	327	327	354	354	452	452	050002					
	AA02	CS00235	2007/09/27 15:22:32	8757	8757	430	430	327	327	326	326	388	388	436	436	050002					
	AAO1	CS00235	2007/09/27 15:23:06	8791	8791	410	410	366	366	372	372	382	382	432	432	050002					
	4402	CS00235	2007/09/27 15:23:16	8772	8772	380	380	335	335	337	337	344	344	451	451	050002					
	4403	CS00235	2007/09/27 15:23:26	8807	2007	404	404	000	000	325	325	380	380	446	446	050002					
	4404	CS00235	2007/09/27 15:23:36	8736	Unlo	ad			X	367	367	371	371	470	470	050002					
	4405	CS00235	2007/09/27 15:23:46	8772	5					358	358	370	370	464	464	050002					
	ANDS	CS00235	2007/00/27 15:23:40	0772	6 70	n soloct	1 617.0	r unlos	4 1+2	251	251	262	262	404	479	050002					
	AAUG AAUG	C200235	2007/09/21 15:23:51	0113	c yu	a serect	. 1 1116	s, uproa	u i ti	0	351	0	363	912	912	050002					
	ABUT	0200235	2001/09/21 15.24.32	9305						0	0	0	0	0	0	050002					
	AAU8	1500235	2007/09/27 15:24:44	9385	1 10	是(Y)		否(11)		0	0700	0	0	0	0	050002					
	AAU9	000235	2007/09/27 15:25:04	13404					_	3168	3168	1985	1985	1148	1148	050002					
	AAIU	CS00235	2007/09/27 15:25:15	13401						3760	3760	1985	1985	1140	1140	050002					
	AATT	CS00235	2007/09/27 15:25:24	13395	13395	11165	11165	(413	(413	3149	3149	1988	1988	1142	1142	050002					
	AAU1	CS00235	2007/09/27 18:51:11	9038	9038	402	402	331	331	320	320	342	342	382	382	050002					
	AAU2	CS00235	2007/09/27 18:51:22	9022	9022	350	350	290	290	290	290	292	292	415	415	050002					
	AA03	CS00235	2007/09/27 18:51:32	8947	8947	330	330	280	280	324	324	277	277	365	365	050002					
	AA04	CS00235	2007/09/27 18:51:42	8985	8985	314	314	319	319	305	305	321	321	389	389	050002					
	AA05	CS00235	2007/09/27 18:52:02	9022	9022	304	304	306	306	301	301	305	305	373	373	050002					
	AA06	CS00235	2007/09/27 18:52:19	13854	13854	11482	11482	7678	7678	3813	3813	1989	1989	1164	1164	050002 -					
1																					
			Upload (ima	age)						Fast 1	Load (TX	T)									
			Upload (ime	age)						Fast 1	Load (TX	T)									

(UPLOADSTART)

Reader S/ BlueTo	N number:	ок CS0023	COM Connection COM4 Connect 5	Sync Tim	•	upload Ge	data t Flash Clean Fla	DB List ash DB]	up dat	e firmw Update	are				
lash DB (list			there	are 28	files i	n flash	DB	seler	t a11						
C /N	Sec.1.TD	PT N				[p 1			P 4		D C	P 7	100	120	8 10	C. 4. T. E.
5/1	Sampiein	DI Name	Data 11me	0700	0700	1 1	107	1_3	1_4	 	0_1	1 1	0_1	11_9	1 10	Code Info
	AAUI	CS00235	2007/09/27 15:22:21	8105	8106	401	401	335	335	321	321	354	354	452	452	050002
	AA02	CS00235	2007/09/27 15:22:32	8791	8701	430	430	366	366	320	320	382	382	430	430	050002
	4402	CS00235	2007/09/27 15:23:16	8772	8772	380	380	335	335	337	337	344	344	451	451	050002
	1402	CS00235	2007/09/27 15:23:26	8807	8807			a kili i	188	325	325	380	380	4.31	446	050002
	4404	CS00235	2007/09/27 15:23:36	8736	8736	ogenti	1 CKetDe	•• 💌	162	367	367	371	371	470	470	050002
	4405	CS00235	2007/09/27 15:23:46	8772	8772				58	358	358	370	370	464	464	050002
	4406	CS00235	2007/09/27 15:23:57	8773	8773		upload	finish	59	351	351	363	363	472	472	050002
	AA07	CS00235	2007/09/27 15:24:32	9385	9385	<u>(•)</u>				0	0	0	0	0	0	050002
	AAOB	CS00235	2007/09/27 15:24:44	9385	9385					n.	0	0	Ő.	n.	0	050002
	AA09	CS00235	2007/09/27 15:25:04	13404	1340	1	猫定		414	3768	3768	1985	1985	1148	1148	050002
	AA10	CS00235	2007/09/27 15:25:15	13401	1340				481	3760	3760	1985	1985	1140	1140	050002
	AA11	CS00235	2007/09/27 15:25:24	13395	13395	11105	11105	1413	413	3749	3749	1988	1988	1142	1142	050002
	AAO1	CS00235	2007/09/27 18:51:11	9038	9038	402	402	331	331	320	320	342	342	382	382	050002
	AA02	CS00235	2007/09/27 18:51:22	9022	9022	350	350	290	290	290	290	292	292	415	415	050002
	AA03	CS00235	2007/09/27 18:51:32	8947	8947	330	330	280	280	324	324	277	277	365	365	050002
	AAO4	CS00235	2007/09/27 18:51:42	8985	8985	314	314	319	319	305	305	321	321	389	389	050002
	AA05	CS00235	2007/09/27 18:52:02	9022	9022	304	304	306	306	301	301	305	305	373	373	050002
	AA06	CS00235	2007/09/27 18:52:19	13854	13854	11482	11482	7678	7678	3813	3813	1989	1989	1164	1164	050002
4			1. 51.10													<u> </u>]
			Upload (imag	e)						Fast]	.oad (TX	T)				

(UPLOADFINISH)

(二) Bluetooth 传输:

Bluetooth transmission

1、 蓝牙连接:将设备与 PC 端经蓝牙配对,成功后进行蓝牙连接,设备蓝色 LED 保持 长亮状态,如图,表明连接成功,查看蓝牙连接的 COM 口为多少;

Bluetooth connection: connect reader and PC through Bluetooth. Make sure the blue LED is always light up. As picture showing., connection is well done and then check the number of COM port.



(BLURTOOTH)

2、(USB-COM 驱动已经正确安装)打开 PC 端程序 "CogentTicketDemo.exe",选择 正确的 COM 口,进行连接,如下图:

(USB-COM drive is well installed)Open the application program "CogentTicketDemo.exe" on your local disk. Choose the right COM port and connect as it shows below:

h DB 1	ist .	030023			ot conn	ect to	flash DB		selec	zt all						
N	SampleID	BT Name	Data Time	C_1	C_2	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_10	Code Info
			Upload	(image)						Fast	Load (T)	(T)				

(CONNECT)

3、选择"Get Flash DB List",查看到所有检测结果及时间,如下图:

Choose "Get Flash DB List" and check the results and the time of all the records. See the picture below:

ader S/N ueToo t	number: 	ок СS0023	COM Connection	Sync Tim	v 18	upload Ge	l data t Flash Clean Fl	DB Lis ash DB		updat	te firmw Update	are				
sh DB li	st															
			Γ	there	are 28	files i	n flash	DB	selec	t all						
/N	SampleTD	BT Name	Data Time	[C 1	LC 2	P 1	P 2	P 3	P 4	P 5	PE	P 7	P8	P 9	P 10	Code Tofo
, M	AA01	CS00225	2007/09/27 15:22:21	8706	8706	407	407	335	335	327	327	354	354	452	452	050002
	AA01	CS00235	2007/09/27 15:22:21	8757	8757	430	430	327	327	326	326	388	388	436	436	050002
	4401	CS00235	2007/09/27 15:22:06	8791	8791	410	410	366	366	372	372	382	382	432	432	050002
	AAO2	CS00235	2007/09/27 15:23:16	8772	8772	380	380	335	335	337	337	344	344	451	451	050002
	AA03	CS00235	2007/09/27 15:23:26	8807	8807	404	404	368	368	325	325	380	380	446	446	050002
	AA04	CS00235	2007/09/27 15:23:36	8736	8736	403	403	362	362	367	367	371	371	470	470	050002
	AA05	CS00235	2007/09/27 15:23:46	8772	8772	404	404	358	358	358	358	370	370	464	464	050002
	AA06	CS00235	2007/09/27 15:23:57	8773	8773	406	406	359	359	351	351	363	363	472	472	050002
	AA07	CS00235	2007/09/27 15:24:32	9385	9385	0	0	0	0	0	0	0	0	0	0	050002
	AA08	CS00235	2007/09/27 15:24:44	9385	9385	0	0	0	0	0	0	0	0	0	0	050002
	AA09	CS00235	2007/09/27 15:25:04	13404	13404	11171	11171	7414	7414	3768	3768	1985	1985	1148	1148	050002
	AA10	CS00235	2007/09/27 15:25:15	13401	13401	11241	11241	7481	7481	3760	3760	1985	1985	1140	1140	050002
	AA11	CS00235	2007/09/27 15:25:24	13395	13395	11165	11165	7413	7413	3749	3749	1988	1988	1142	1142	050002
	AA01	CS00235	2007/09/27 18:51:11	9038	9038	402	402	331	331	320	320	342	342	382	382	050002
	AAU2	CS00235	2007/09/27 18:51:22	9022	9022	350	350	290	290	290	290	292	292	415	415	050002
	AAU3	CS00235	2007/09/27 18:51:32	000E	8941 000E	214	214	280	280	324	324	201	201	365	365	050002
	AA04 3305	CS00235	2007/09/21 16:51:42	0905	0905	304	304	306	306	305	305	305	305	373	373	050002
	4406	CS00235	2007/09/27 18:52:19	13854	13854	11482	11482	7678	7678	3813	3813	1989	1989	1164	1164	050002
1	1400	0000200	2001)00/21 10:02:10	10004	10004	11402	11402	1010	1010	0010	0010	1000	1000	1101		
			Upload (ima	ge)						Fast 1	Load (TX	T)				

(GETDB)

4、选择其中的记录(ALT 或 CTRL 键可以进行多选)或"Select all",然后选择 "Upload(Image)", PC 屏幕提示是否开始,如图(UPLOADSTART),选择"是", 传输开始,设备 LCD 显示"Start Upload",将设备内部数据和图象通过 USB-COM 口传输到 PC 端,设备如下图(UPLOADFINISH);

Choose some of the records(USE ALT or CTRL to select more) or choose "Select all". Then press "Upload(Image)". While the program will give you the message that confirm the operation.(SEE the picture below). Select "Y", transmission begins. The LCD on the Reader will display "Start Upload". It transfers the data and image inside to the PC through USB-COM port. The device shows in the following picture(**UPLOADFINISH**):



(UPLOADSTART)

ader S/1	fnumber:	OK	-COM Connection COM4 Connect	Sync Tim	•	-upload Ge	data tFlash CleanFl	DB List ash DB		_updat	.e firmw Update	are -				
lueToc ash DB 1	th Name:	CS0023	5	there	ore 28	files i	n flach	DB	relec							
			1								,		,		,	
S/N	SampleID	BT Name	Data Time	C_1	C_2	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_10	Code Info
	AAO1	CS00235	2007/09/27 15:22:21	8706	8706	407	407	335	335	327	327	354	354	452	452	050002
	AA02	CS00235	2007/09/27 15:22:32	8757	8757	430	430	327	327	326	326	388	388	436	436	050002
	AAO1	CS00235	2007/09/27 15:23:06	8791	8791	410	410	366	366	372	372	382	382	432	432	050002
	AA02	CS00235	2007/09/27 15:23:16	8772	8772	380	380	335	335	337	337	344	344	451	451	050002
	AA03	CS00235	2007/09/27 15:23:26	8807	8807 (CogentT	icketDe		< 68	325	325	380	380	446	446	050002
	AAO4	CS00235	2007/09/27 15:23:36	8736	8736				52	367	367	371	371	470	470	050002
	AA05	CS00235	2007/09/27 15:23:46	8772	8772				58	358	358	370	370	464	464	050002
	AA06	CS00235	2007/09/27 15:23:57	8773	8773		upload	finish	59	351	351	363	363	472	472	050002
	AA07	CS00235	2007/09/27 15:24:32	9385	9385	<u>•</u>				0	0	0	0	0	0	050002
	AA08	CS00235	2007/09/27 15:24:44	9385	9385					0	0	0	0	0	0	050002
	AA09	CS00235	2007/09/27 15:25:04	13404	1340	1	确定		414	3768	3768	1985	1985	1148	1148	050002
	AA10	CS00235	2007/09/27 15:25:15	13401	1340	3			481	3760	3760	1985	1985	1140	1140	050002
	AA11	CS00235	2007/09/27 15:25:24	13395	13395	11105	11105	1913	413	3749	3749	1988	1988	1142	1142	050002
	AAO1	CS00235	2007/09/27 18:51:11	9038	9038	402	402	331	331	320	320	342	342	382	382	050002
	AA02	CS00235	2007/09/27 18:51:22	9022	9022	350	350	290	290	290	290	292	292	415	415	050002
	AA03	CS00235	2007/09/27 18:51:32	8947	8947	330	330	280	280	324	324	277	277	365	365	050002
	AA04	CS00235	2007/09/27 18:51:42	8985	8985	314	314	319	319	305	305	321	321	389	389	050002
	AA05	CS00235	2007/09/27 18:52:02	9022	9022	304	304	306	306	301	301	305	305	373	373	050002
	AA06	CS00235	2007/09/27 18:52:19	13854	13854	11482	11482	7678	7678	3813	3813	1989	1989	1164	1164	050002
1																1.0
•	AAU6		Upload (imag	13854 (se)	13854	11482	11482	1618	1618	Fast I	.oad (TX	I)	1994	1164	1164	

(UPLOADFINISH)

FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Heath Canada's website www.hc-sc.gc.ca/rpb.