



ACL 750USB Combo Tester

Software provides documentation for ISO 9000

The ACL 750USB Combo Tester measures electrical resistance of wrist straps and heel grounders simultaneously and individually. The ACL 750USB can do what pass/fail testers cannot—give actual resistance readings and store data.

When the software is used, test results are stored on a computer which allows the user to monitor and analyze test information and help manage a company's static control program.

Test results can be stored in the software with annual back-ups. Creating reports will help guide internal policies and improve a company's productivity. Reporting will direct attention to problem work areas, employees who routinely fail, trends over time, and much more.

Features:

- Tests both wrist straps and heel grounders simultaneously and individually at a safe 19 volts
- Accommodates both U.S. standard and dual wire wrist straps
- Reads actual resistance of wrist straps and heel grounders from 500 kilohms up to 100 megohms, with an option up to 1000 megohms
- Allows employee access by keyboard, barcode, or proximity card
- Allows for new employees to be added
- NIST-traceable calibration certificate
- Made in the U.S.A.

Product# 750USB: includes tester with USB cable, footplate, and stand

Product# 750USBWS: includes tester with USB cable and footplate

Ideal for the following applications:

- EPAs following ANSI/ESD S20.20
- ISO-certified electronic manufacturing companies
- Electronic assembly

SPECIFICATIONS:

- ✧ **Accuracy:** $\pm 10\%$ (tester only)
- ✧ **Environment:** 32°F to 100°F (0°C to 38°C); 15% to 95% RH
- ✧ **Test voltage:** 19 volts DC $\pm$ (open circuit)
- ✧ **Adjustable resistivity limits**
- ✧ **Conforms to ANSI ESD S20.20, IEC, and CECC standards**
- ✧ **Wrist strap and footwear resistance ranges:**
 - Low Range: 500k, 750k ohms
 - High Range: 2M, 5M, 10M, 25M, 35M, 50M, 75M, 100M ohms
- ✧ **Optional accessories:**
 - **ACL 746:** Special eeprom setting
 - **ACL 740:** Circuit relay for security doors
 - **ACL 795:** Calibration box for on-site calibrations

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SOFTWARE FEATURES:

- ✧ Generates reports for emailing and printing: Monthly Test Results, Entire Log, Daily Log, Employee Failure Exception, ESD Certification Expiration, Employee Attendance, Employee Vacation
- ✧ Automatically generates and emails reports to one or more recipients
- ✧ Accepts up to 30,000 employees
- ✧ Can limit reports to specific work groups
- ✧ Can easily import report files into spreadsheet or database software
- ✧ Can import company's employee list/data from MS Access and Excel
- ✧ Allows for supervisor to password-protect software settings and reports
- ✧ Allows for employee information to be password-protected
- ✧ Can be upgraded to allow electronically locked doors to open or bells to ring when user wrist straps and heel grounders are in tolerance
- ✧ Prevents unauthorized entry without proper ID card
- ✧ Compatible with Windows operating systems
- ✧ Can connect multiple test stations to LAN network or intranet
- ✧ Accepts and displays international dates and times
- ✧ Limits access to employees with expired certification

ACL Incorporated ESD Protection Results

Operator Information

Operator's Name: Czanyi, Sandor

Date: 06-22-2010

Time: 15:45:03

Wrist Strap: Required

Foot Strap: Required

Wrist Low Setting: .75 Meg

Foot low Setting: .75 Meg

Wrist high setting: 10 Meg

Foot high Setting: 100 Meg

Action:

Multiple problems

Left foot is high. Right foot is high.

Received: W=02.74M-OK, L=99.99M--, R=99.99M--, 00.75M-W<10.00M, 00.75M-F-99.98M

Results

Wrist: OK = 2.74 Meg

Left foot: "HIGH" > 100 Meg

Right foot: "HIGH" > 100 Meg

Cancel

Modify Password

ACL Incorporated ESD Protection Test Results			
Operator Information			
Operator's Name: Rollins, Hank			
Date: 06-22-2010		Time: 16:03:23	
Wrist Strap: Required		Foot Strap: not used	
Wrist Low Setting: .75 Meg		Foot low Setting: .75 Meg	
Wrist high setting: 10 Meg		Foot high Setting: 100 Meg	
Action:			
OK			
Readings OK thank you. Please press the Enter key or click on Cancel.			
Received:	W=05.09M=OK, L=99.99M=--, R=99.99M=--, 00.75M-W <10.00M, 00.75M-F=99.98M		
Results			
Wrist: OK	= 5.09 Meg	Right foot:	not used > 100 Meg
Left foot:	not used > 100 Meg		
Cancel			
Modify Password			

Log.txt - Notepad						Cancel		Modify Password							
File Edit Format View Help															
Botkins, Mary Kay	, 123-7788	, 07-07-2021,	14:56:45,	Whi, L-		ISO-9000 ESD Protection Daily Log Report ACL Incorporated as of 6/23/2010 13:28:47									
Kaiser, Dan	, IMI-1900	, 07-27-2021,	09:48:41,	Wok, L-		Close Print									
Wrench, Monkey	, IMI-2345	, 07-27-2021,	09:48:55,	Whi, L-		ISO-9000 ESD Protection Daily Log Report ACL Incorporated as of 6/23/2010 13:28:47									
Botkins, Mary Kay	, 123-7788	, 07-27-2021,	09:49:08,	ComFail,		Stat key: ok-in range, hi-resistance too high, lo-resistance too low, --not used									
Botkins, Mary Kay	, 123-7788	, 07-27-2021,	09:49:20,	Wok, L-		LastName, FirstName, ID#, Date, Time, WristStat, LeftStat, RightStat, WristR, LeftR, RightR									
Guanzon, Carrissa	, CIA-9633	, 07-27-2021,	09:52:58,	Whi, Lhi,		Botkins, MaryKay,	CIA-1234	1/4/2010,	12:25:56,	W-	Lhi,	Rhi,	-	100.00,	100.00
Guanzon, Carrissa	, CIA-9633	, 07-27-2021,	09:53:16,	Whi, L-		Clark, Paul,	CIA-4256830042	1/4/2010,	13:28:39,	W-	Lhi,	Rhi,	02.40,	100.00,	100.00
Guanzon, Carrissa	, CIA-9633	, 07-27-2021,	10:20:53,	Wok, L-		Murphy, Clark,	CIA-1195	1/4/2010,	13:28:46,	W-	Lhi,	Rhi,	02.06,	100.00,	100.00
Botkins, Mary Kay	, 123-7788	, 07-27-2021,	10:21:40,	Wok, L-		Rogan, Seth,	CIA-1237	1/4/2010,	13:31:43,	Wok,	L-	R-	02.39,	-	-
Botkins, Mary Kay	, 123-7788	, 07-27-2021,	10:21:50,	Whi, L-		Malou, Red,	CIA-128	1/4/2010,	13:32:07,	Wok,	L-	R-	04.77,	-	-
Botkins, Mary Kay	, 123-7788	, 07-27-2021,	10:23:36,	Wok, L-		Czanyi, Sandor,	CIA-008	1/4/2010,	13:32:42,	Wok,	L-	R-	02.48,	-	-
Guiterrez, Ivonne	, TTM-911911	, 08-11-2021,	12:58:38,	Whi, L-		Botkins, MaryKay,	CIA-1234	1/4/2010,	13:33:07,	W-	Lhi,	Rhi,	02.23,	100.00,	100.00
Guiterrez, Ivonne	, TTM-911911	, 08-11-2021,	12:58:56,	Whi, L-		Botkins, MaryKay,	CIA-1234	1/4/2010,	13:40:59,	Wok,	L-	R-	05.86,	-	-
Munson, Brandon	, CIA-1234	, 11-19-2021,	08:28:06,	Whi, Lhi,		Botkins, MaryKay,	CIA-1234	1/4/2010,	13:42:00,	Wok,	L-	R-	02.96,	-	-
Jaghdooi, Ali	, CIA-9632	, 11-19-2021,	08:30:15,	Whi, Lhi,		122, Micah,	CIA123456789-122	1/4/2010,	13:51:21,	Whi,	Lhi,	Rhi,	100.00,	100.00,	100.00
Jaghdooi, Ali	, CIA-9632	, 11-19-2021,	08:32:42,	ComFail,		Atti, Angel garcia,	CIA-4012	1/4/2010,	13:51:46,	Wok,	Lhi,	Rhi,	03.53,	100.00,	100.00
Botkins, Mary Kay	, 123-7788	, 11-19-2021,	13:02:56,	Whi, L-		Bankok, Perfecto,	CIA-41	1/4/2010,	13:52:58,	Wok,	Lhi,	Rhi,	03.64,	100.00,	100.00
Jarzemski, Bruno	, CIA-1414	, 11-19-2021,	13:06:38,	Whi, Lhi,		Botkins, Peter,	FBI-9	1/4/2010,	13:54:02,	Wok,	L-	R-	03.97,	-	-
						Butts, Saquita,	CIA-2247078998	1/4/2010,	13:54:11,	Wok,	Lhi,	Rhi,	04.83,	100.00,	100.00
						Grissom, Gill,	CSI-002	1/4/2010,	14:17:04,	Wok,	Lhi,	Rhi,	03.16,	100.00,	100.00
						Grissom, Gill,	CSI-002	1/4/2010,	14:17:08,	Wok,	Lhi,	Rhi,	02.50,	100.00,	100.00