SmartLog Pro™

ESD Results at Your Fingertips

MEASURE → CONTROL → VERIFY

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The **SmartLog Pro™** verifies the functionality of an operator's wrist strap and footwear, logs the test results, and controls access to an ESD Protected Area.

All operator test activity is logged into a database to meet the EN 61340-5-1 requirement for "Compliance verification records shall be established and maintained" and for on-going quality control purposes.

Each log entry includes operator identification, test results, resistance measurements, time, temperature and humidity.

Operator identification and access control is performed using the embedded HID OMNIKEY®proximity reader, barcode reader or touchscreen keypad.

Access control to an ESD Protected Area can be further enforced by using the relay terminal on the SmartLog Pro™. It can be connected to an electronic door lock or turnstile to grant access only to those who have passed their pre-defined ESD tests.

SmartLog Pro™ System

Networked Communication   Email / Web Reporting   Electronic Documentation

TEAM5 Software
• Monitors the ESD status of operators and the network connectivity of SmartLogs
• ESD status reports available via e-mail or web
• Data synchronisation between personnel databases
• E-mailed notifications of software or operator failures
• Compatible with all Windows operating systems
• Desktop and server installation packages available
• Annual service agreement included

ESD Status Report

TEAM
Total Electrostatic Awareness and Management

>>> Ordered by Employee Name   Ordered by Status

Grouped by Department, Ordered by Name   Grouped by Department, Ordered by Status

Grouped by Shift, Ordered by Name   Grouped by Shift, Ordered by Status

Last Update: 09-MAY-2016 12:00 PM

REPORT NAME ESD Test Status - Order By Name
REPORT DATE Monday, 09 - May - 2016 12:00 PM

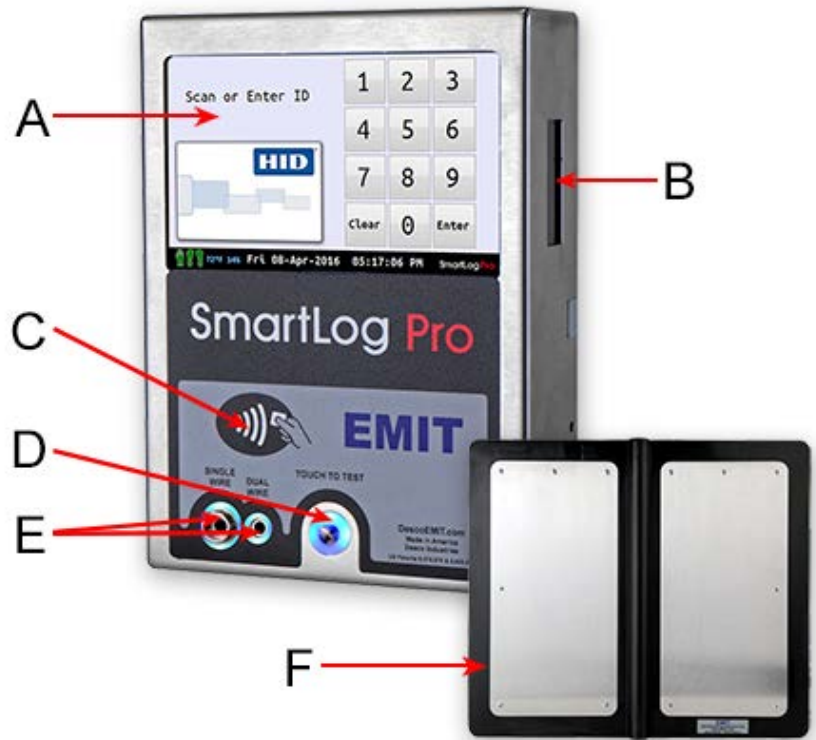| Name	Status	User ID	Test ID	Dept	Shift	Required Test	Restest	Last Test Location	Last Test Time
Abbott, Robert P	PASS	1001	1	100	1	Foot OR Wrist	12:00	QC 1	09-MAY-2016 07:38 AM
Acevedo, James	PASS	1002	2	200	2	Wrist Only	12:00	QC 2	09-MAY-2016 10:37 AM
Baird, Georg	PASS	1003	3	300	3	Foot Only	12:00	Shipping	09-MAY-2016 10:36 AM
Baker, Margo	PASS	1004	4	100	3	Foot AND Wrist	12:00	Receiving	09-MAY-2016 10:35 AM
Cabrera, Aaron N	LEAVE TIME	1005	5	200	2	Foot with Wrist Optional	12:00	Assembly	02-MAY-2016 02:19 PM
Cain, Phyllis	NOT TESTED	1006	6	300	1	User choice	12:00	Clean Room	02-MAY-2016 07:18 AM
Dalton, Bryan	NOT TESTED	1008	8	200	1	Foot OR Wrist	12:00	Production 2	02-MAY-2016 07:16 AM
Eaton, Michel M	NOT TESTED	1009	9	300	3	Wrist Only	12:00	Access Control 1	29-APR-2016 10:47 PM
Edwards, Carlos	NOT TESTED	1010	10	100	1	Foot Only	12:00	QC 1	02-MAY-2016 07:15 AM
Farley, Marion	NOT TESTED	1011	11	200	3	Foot AND Wrist	12:00	QC 2	02-MAY-2016 10:14 PM
Farmer, Pedro L	NOT TESTED	1012	12	300	2	Foot with Wrist Optional	12:00	Shipping	02-MAY-2016 02:13 PM
Gaines, Monica	NOT TESTED	1013	13	200	1	User choice	12:00	Receiving	02-MAY-2016 07:12 AM
Hahn, Leo	NOT TESTED	1015	15	100	3	Foot OR Wrist	12:00	Assembly	02-MAY-2016 10:10 PM
Ingram, Ida	NOT TESTED	1017	17	300	2	Foot Only	12:00	Clean Room	02-MAY-2016 02:09 PM
Irwin, Mitch K	NOT TESTED	1018	18	100	1	Foot AND Wrist	12:00	Production 1	02-MAY-2016 07:08 AM
Jackson, Kent	NOT TESTED	1019	19	200	2	Foot with Wrist Optional	12:00	Production 2	02-MAY-2016 02:07 PM
Lamb, Allison H	NOT TESTED	1023	23	300	3	Wrist Only	12:00	Assembly	29-APR-2016 10:37 PM
Macias, Dianna G	NOT TESTED	1026	26	300	2	Foot with Wrist Optional	12:00	QC 2	02-MAY-2016 02:05 PM
Mack, Kelli	NOT TESTED	1025	25	200	1	Foot AND Wrist	12:00	QC 1	02-MAY-2016 07:06 AM
Nash, Vanessa	NOT TESTED	1027	27	100	3	User choice	12:00	Shipping	02-MAY-2016 10:04 PM
Obrien, Christi F	NOT TESTED	1029	29	300	2	Foot OR Wrist	12:00	Access Control 1	02-MAY-2016 02:02 PM
Ochoa, Beulah	NOT TESTED	1030	30	100	1	Wrist Only	12:00	QC 2	29-APR-2016 07:32 AM
Pac, Jeanni	NOT TESTED	1031	31	200	2	Foot Only	12:00	Assembly	02-MAY-2016 02:01 PM
Pacheco, Gustavo E	NOT TESTED	1032	32	300	1	Foot AND Wrist	12:00	Clean Room	02-MAY-2016 07:59 AM
Quinn, Celia	NOT TESTED	1033	33	100	3	Foot with Wrist Optional	12:00	Production 1	02-MAY-2016 10:58 PM
Ramirez, Ginger	NOT TESTED	1034	34	200	1	User choice	12:00	Production 2	02-MAY-2016 07:57 AM

Eliminates Paper Logs

Paperless data can enhance operator accountability, immediately identifying problems while reducing logging and auditing costs. Paper log systems can initially be effective but have proven to be inaccurate and ignored over time.

Paper log systems are also limited to what information is documented and poses the following questions:

• Do your paper logs show any failures?
• How many failed tests were conducted prior to the written passed result?

Hardware Features
A. 5" Colour Touchscreen Display
B. CCD Barcode Scanner
C. HID OMNIKEY® Proximity Reader
D. Steady-State Test Switch
E. Single-Wire and Dual-Wire Wrist Strap Connections
F. Dual Foot Plate

SmartLog Pro™ User Interface Offers 3 Ways to Identify Yourself

Proximity Reader
• Embedded HID OMNIKEY Proximity reader
• iCLASS® and HID Prox® ready
• Programmable with most proximity badge formats

Barcode Scanner
- Embedded CCD Barcode scanner
- Reads code 39 and 128
- Programmable with most barcode badge symbologies

Keypad
- 9 digit numeric keypad
- Alternative operator identification if barcode/proximity card is misplaced
- Can be disabled to enforce Barcode/ Proximity scanning

Testing Features
- Simultaneous testing of the worn wrist strap and foot grounders in less than 2 seconds
- Records results for each foot grounder and each conductor in single-wire and dual-wire wrist straps
- Digitally programmable test limits
- Compatible with EMIT **50755** ESD Glove Test Fixture for testing ESD gloves and finger cots
- Dual foot plate design independently tests each foot grounder
- ESD garments may be tested using the wrist strap jacks

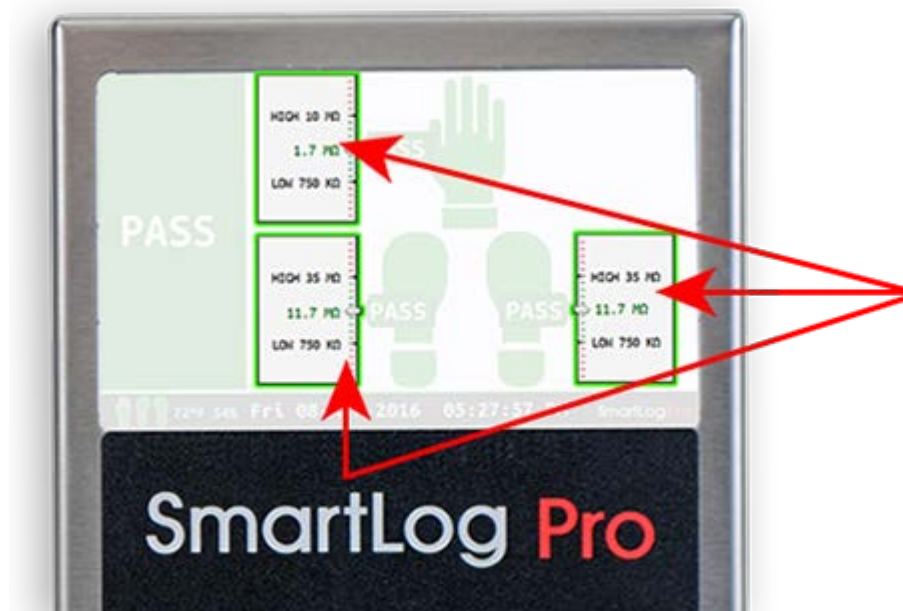# SmartLog Pro™ Touchscreen User Interface

Test
A. Operator name
B. Test requirement
C. Test requirement symbol

Resistance Measurement
• Records measurements of each conductor in single-wire and dual-wire wrist straps
• Records measurements of each foot grounder

Visual and Audible Test Results
• Green signifies PASS conditions and red signifies FAIL conditions
• Unique audible tones for PASS and FAIL

Temperature and Relative Humidity
• Measurements are sampled every 5 minutes and displayed on the status bar
• Values are captured with every completed ESD test

Two Embedded Output Relay Terminals

• Pairs with a turnstile, automatic door or other locking system to control access to ESD Protected Areas.

• Click **HERE** for the complete turnstile offering

Request an Online Demo

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