

3M™ Wrist Strap and Shoe Tester 888

The Wrist Strap and Shoe Tester 888 tests both wrist straps and footwear. Use of the external data port allows automatic recording of the test results to a computer or a server, providing real time data to a supervisor and virtually eliminating the need for manual recording.

Features:

- Checks personnel wearing wrist straps and ESD footwear against preset resistance limits.
- Actual measurement results are indicated on a LCD display, a set of LED lamps and a buzzer.
- Tests single cord and dual cord wrist straps.
- Test results are available on RS-232 or USB serial port for data logging.
- Output signals of test results are available on the output jack to control external devices, such as the door of the clean room or an indicator lamp.
- Multiple high and low resistance threshold limits available for user's selection.
- User can change the high and low limit default value via a set of push buttons on the device or via a host PC.
- Current date and time can be displayed on LCD.
- Testing date and time are automatically recorded when utilizing the 3M™ Data Logging Software 888DLS.



Product Specifications

Properties	Value
Wrist Strap Testing	
Wrist Strap	Single, Dual
Test Setting Range	
High Resistance Limit	2 MΩ, 5 MΩ, 10 MΩ, 25 MΩ, 35 MΩ, 50 MΩ, 75 MΩ and 100 MΩ
Low Resistance Limit	500 KΩ, 750 KΩ and 1 MΩ
Indication	Measuring data on display LEDs on the tester indicate Low, OK and High test results
Footwear and Heel Ground Strap Testing	
Test Setting Range	
High Resistance Limit	2 MΩ, 5 MΩ, 10 MΩ, 25 MΩ, 35 MΩ, 50 MΩ, 75 MΩ and 100 MΩ
Low Resistance Limit	100 KΩ, 500 KΩ, 750 KΩ and 1 MΩ
Indication	Measuring data on display LEDs on the tester indicate Low, OK and High test results
External Output	
Compatible Card Reader System	RS232 serial
Card Reader Specification	
Bit Rate	9600
Data Length	8 bits
Parity	None
Stop Bit	1 bit
PC Communication	RS232 / USB / Ethernet USB connection will be converted to COM port at PC internally
PC System Requirement	Windows™ 2000 XP and 7. Pentium 133MHz; min 32MB RAM; 100MB hard disk space; 800x600 True Color 32 bit display
General	
Power Supply	Universal 100 - 240VAC, 0.3A, ~ 50 - 60Hz Output: 12VDC, 1.5A
Dimension (approx.)	5.4" W X 7.4" H X 1.8" D (137 mm W X 188 mm H X 46 mm D)
Weight (approx.)	19.5 oz. (554 g), without plate

3M™ Data Logging Software 888DLS

The Data Logging Software 888DLS is designed to work with the 3M™ Wrist Strap and Shoe Tester 888. The 888DLS software offers you a complete system of testing and recording results of your wrist strap and shoes. The complete system is designed to perform an accurate resistance measurement of either or both your wrist straps and shoes. Once completed, the test results will then be automatically saved on a PC or server, which allows efficient data storage and faster data retrieval.

The software communicates to a personal computer via RS232. Stored data can be queried based on employee ID, name, individual test result, resistance value, and together with the date and time.

Features:

- Electronic data logging – Virtually eliminates manual logging, thus providing highly reliable recording
- Identification card compatibility – Can be used with magnetic strip or proximity card readers/identification cards

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