

IR Electrical Scanner with Autozero Function

OS93, \$699, shown smaller than actual size.

OS93
\$699

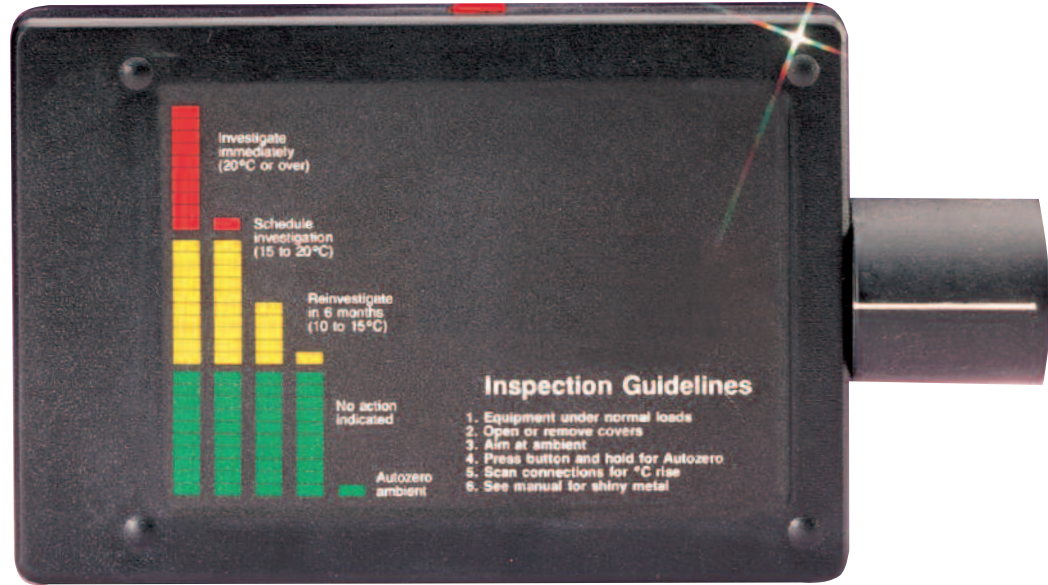


- ✓ Fast 0.05 s Indications of Temperature Differences
- ✓ Autozero Function
- ✓ Compares Sample Temperatures to Reference Surface Temperature
- ✓ Shirt-Pocket Size
- ✓ Unique Color-Coded LED Bar Graph Indicates Quality Control
- ✓ High-Impact Housing with Copper EMI Shield

Applications

- ✓ Checking Repair Work
- ✓ Preventive Maintenance
- ✓ Scanning at a Distance
- ✓ Monitoring Electrical Connections, Including Transformers, Circuit Breakers, Motors, Cables, Bus Bars, and Power Panels

The OS93 electrical scanner is a patented infrared temperature scanner with autozero function. It is the instrument of choice for professionals who regularly conduct scans of electrical equipment at distances of up to 5'. Insurance and utility companies have issued guidelines for infrared inspection, which has proved a fast, easy, and effective way to locate electrical problems.



The unique scanning display, combined with high-resolution optics, enables the user to locate hot spots clearly and from a safe, convenient distance. The autozero feature locks in the reference temperature, allowing differential measurements. Just push the button, aim at ambient or reference temperature, and scan. The color-coded bar graph indicates the components that need service. The NIST-traceable calibration lasts for the lifetime of the instrument.

Specifications

Autozero Ambient Reference Range: 0 to 50°C (32 to 122°F)
Temperature Range: 0 to >100°C rise above reference
Accuracy: ±1 segment in each range
Resolution: 1°C
Spectral Response: 2 to 20 microns
Spot Size: 0.625" + (distance in inches/87)
Time Constant: 0.05 s
Emissivity: 0.9 fixed
Power: 9V battery (included)
Battery Life: 200 min, continuous
Dimensions: 89 H x 127 W x 19 mm D (3.5 x 5 x 0.75")
Weight: 198 g (7 oz) with battery



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Description
OS93	\$699	Electrical scanner with autozero function

Comes complete with carrying pouch, 9V battery, display sun shade and complete operator's manual.

Ordering Example: OS93, electrical scanner, \$699. OCW-2, OMEGACARESM extends standard 2-year warranty to a total of 4 years (\$125), \$699 + 125 = \$824.

Recommended Reference Book: Electronics Handbook, EE-2451, \$180
See Section Y For Additional Books





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• Temperature

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Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters