

# Microwave Leakage Detector

GERLING

**Model GA3202**  
**Model GA3204**  
**Model GA3215**

The GAE model GA32XX Microwave Leakage Detector is the Holaday HI-Series Survey Meter manufactured by ETS-Lindgren. Long established as the industry standard, this meter is designed for commercial and industrial use by manufacturers and end-users of microwave heating equipment. Its robust design also provides accuracy and portability for field service technicians, regulatory agencies and public health officials, and it can withstand exposure to excessively high power density.

Microwave leakage is measured by an array of carrier diodes that detect electromagnetic fields of any polarization in a plane perpendicular to the axis of the probe. This results in a broad measuring area around the probe which simplifies inspection around cavity doors, waveguide connections and other possible sources of microwave leakage. A styrofoam cone mounted to the probe provides a 5 cm spacing between the diode array and cone tip. Operator conveniences include three detection ranges, two selectable meter response times, battery test and probe test. Operates on two 9-Volt batteries. Includes a foam-fitted carrying case and user manual.

## General Specifications:

Frequency	GA3202: 2450 MHz GA3204: 2450 MHz and 5.8 GHz GA3215: 2450 MHz and 915 MHz
Operating Range	0-2, 0-10, 0-100 mW/cm <sup>2</sup>
Accuracy	+/- 1 dB (0-2, 0-10 ranges)
Response Time:	Fast Mode: 1 second Slow Mode: 2.5 seconds (90% of impulse)
Power Density	2 W/cm <sup>2</sup> maximum
Dimensions	8.9 W x 15.3 H x 6.4 D cm (3.5" x 6" x 2.5")
Probe Length	30 cm (12 inches)
Probe Cable Length	1.2 m (4 feet)



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GERLING APPLIED  
ENGINEERING, INC.

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PO Box 580816 • Modesto, CA 95358 • USA  
Phone: +1-209-527-8960 • Fax: +1-209-527-5385  
E-mail: sales@2450MHz.com • Web: www.2450MHz.com

All dimensions are in inches [millimeters].

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