

# Test Control Module, GL139 Microwave Generator

GERLING

## Model GA3207

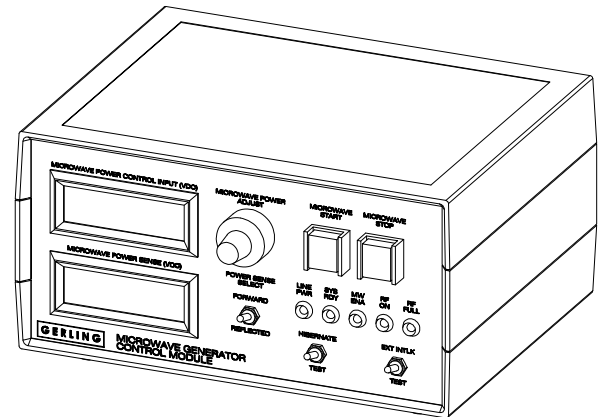
The model GA3207 Test Control Module is designed specifically for manual remote control of the GL139 family of microwave generators and power supplies used in GaSonic semiconductor fab tools. The GL139 family of products includes the following:

Description	Used In	ASTeX p/n	GAE p/n
1.25kW HV Power Supply	A-3010	C12932-2	911496
1.8kW HV Power Supply	Iridia	C13765	911665
1.25kW Mw Generator	PEP	C13170	911213
1.25kW Mw Gen, Front Access	L-3510	n/a	912419
1.25kW Mw Gen, Side Access	L-3510	C12935	911566

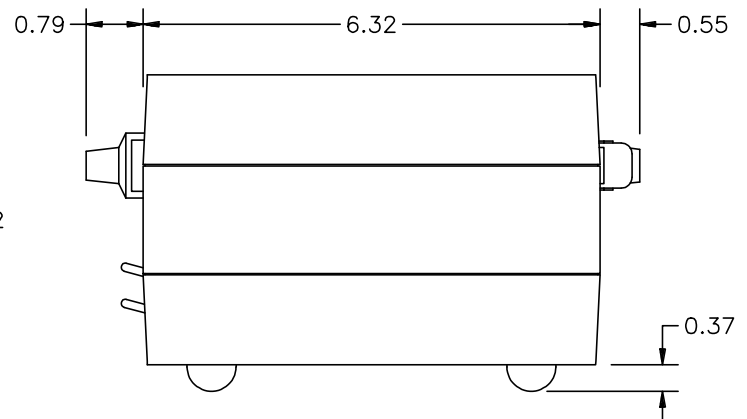
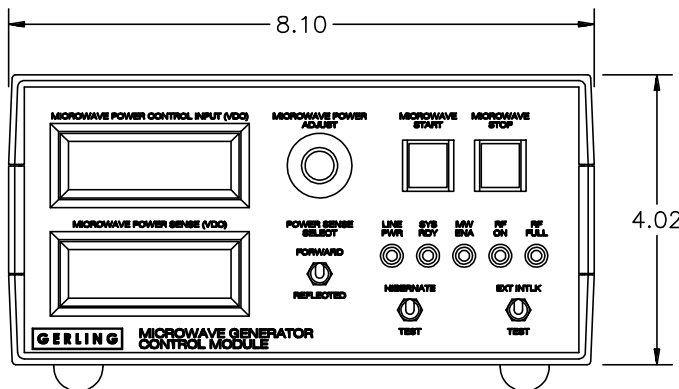
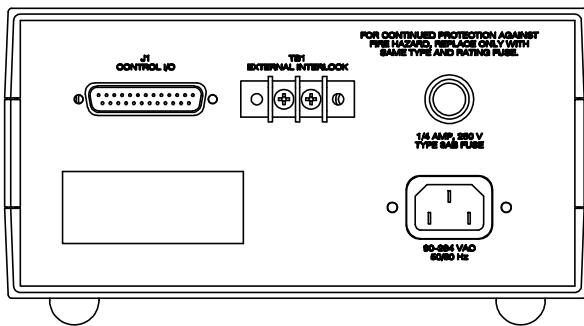
Designed as an aid for diagnostic testing, the GA3207 allows the operator to manually exercise all input functions and monitor all output signals provided in the standard GL139 control interface. In addition, connections are included for a customer-provided external interlock device. A power cord and 10-ft I/O interconnect cable are also included.

### General Specifications:

Input Line Power	90-265 VAC, 50/60 Hz, 1/4 Amp
Connections	Line Power: DIN style inlet Control: 25-pin male D-sub Ext Interlock: 2-contact terminal block
Control Functions	Microwave Start (pushbutton) Microwave Stop (pushbutton) Microwave Power Adjust (10-turn dial) Fwd/Rev Power Sense Select (toggle) Hibernate Test (toggle) External Interlock Test (toggle)



Indicators	Function
Mw Power Control Input	(digital meter)
Mw Power Sense	(digital meter)
Line Power	(LED)
System Ready	(LED)
Microwave Enabled	(LED)
Microwave On	(LED)
Microwave Full Output	(LED)



GERLING APPLIED  
ENGINEERING, INC.

© 2005-2010 Gerling Applied Engineering, Inc.  
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