

G.T.I. AUTO-LEVEL

GLASS LEVEL
DETECTOR



**General Glass
Equipment Company**



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Made in the U.S.A.

G.T.I. AUTO-LEVEL

A LOW COST GLASS LEVEL DETECTOR ALTERNATIVE

Performing multiple tasks – Precisely!

The General Glass Equipment Company GTI Auto-Level Glass Level Detector combines state-of-the-art computer technology with a proven method of non-contact glass level measurement to assure precise continuous monitoring of the glass surface to ± 0.001 " (0.025mm).

Since General Glass first introduced the detector in the 1980s, it has been significantly refined to provide easier installation, operation and maintenance while adding features to improve accuracy and enhanced control. In essence, it's a detector – a recorder – a controller... and possibly more.

The GTI Auto-Level samples glass level on a programmable interval of 30 seconds or more and waits between intervals with the sensing probe retracted above the glass level, also at a programmable distance. This innovation provides more accurate glass level detection and virtually eliminates the possibility of the sensing probe touching the glass surface, even when there is a sudden change in glass level or variation in furnace pressure.



Benefits:

- Precise weight control
- Improved furnace performance
- Continuous display of current glass level
- Easy access to all set-up and operating parameters

Features:

- Three separate components to simplify installation and servicing:
 1. Control panel (can be located up to 400 feet away)
 2. Probe drive (rated for 500 pounds of thrust)
 3. Instrument air panel (installed within 5 meters of probe drive)
- NEMA 12 rated enclosure
- Allen Bradley PLC, HMI and Inverter Drive
- Memory module backup
- Industrial DC power supply
- Analog outputs for glass level and automatic batch charger control
- Alarm relays
- Instrument air fan with built-in backup
- High temperature probe drive with quick disconnect couplings
- Remote jog switch for probe drive setup

Installation Options:

- Inconel or ceramic sensing tubes
- Color touch screen HMI
- Full integration into the Batch Master II Batch Control System
- Available in UL, CSA or CE Compliant

Controls:

- Control panel includes all required components for operation from a single AC power input
- Pre-wired quick disconnect couplings
- Jog up/down setup switch

General Glass would enjoy the opportunity to discuss your current project needs and will provide recommendations and detailed installation drawings best suited to your installation.

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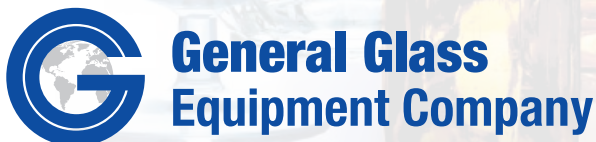
General Glass Equipment Company

As the premier supplier of glass manufacturing equipment systems, General Glass Equipment Company boasts an enviable reputation for providing the industry with practical and timely solutions – both in the United States and around the world. Considered standards of the industry, the company's products and services cover virtually every aspect of glass manufacturing, from plant design, construction and project engineering to personnel training and general consultation.

First and foremost, General Glass is an engineering and manufacturing organization with a commitment to excellence that assures customers of superior product performance and profitability. The company is well regarded for its ability to blend technological advancements with experience and expertise achieved during its distinguished history that spans more than 80 years.

Headquartered in southern New Jersey, the company continues in the proud traditions of glassmaking's long and important history in the region where the industry dominated for a century and a half.

Additional information about General Glass is available on the company's web site: www.generalglassequipment.com.



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