

MAGGIE WATCH

Fault Monitoring & Alarm System

The Most Advanced, Automatic,
Non-Disposable Liquid Filtration System



ZGF has developed the "Maggie Watch" monitoring and alarm system. Since Maggie is such a consistent and reliable product, it is often overlooked during preventive maintenance (PM) cycles. Even a product as reliable as Maggie presents an inherent risk, if not monitored. The Maggie Watch allows you to remove Maggie from your PM cycles and eliminate this inherent risk because all the potential failures are monitored on a continuous basis. Maggie Watch monitors each potential failure mode and alerts the user in the event of a Maggie failure.

The Maggie Watch allows for continuous monitoring and immediate notification should one or more Maggie experience a fault. The system provides capability for local and remote monitoring and alarm notification.

Detection and early action will make the repairs much easier and prevent damage to Maggie components and downstream components.

Maggie Watch monitors for the following potential faults and provides an alarm in the event of a fault condition.

- ✓ **Loss of / Low Air Supply**
- ✓ **No Magnetic Shuttle Movement**
- ✓ **Maggie Magnetic Shuttle Air Leak (*Internal Pneumatic Leak Detection*)**
- ✓ **Maggie Tube Seal Leak (*Internal Process Fluid Leak Detection*)**
- ✓ **Valves do not open or close**



- Maggie Watch utilizes standard ZGF components.
- Maggie Watch can be added to individual Maggie's or multi-station Maggie systems currently in operation.
- A single Maggie Watch system can monitor up to six Maggie's.
- The LOGO! module that controls the Maggie system also controls Maggie Watch. Additional expansion modules are incorporated to provide all necessary inputs and outputs.

