

# Self-cleaning sensors

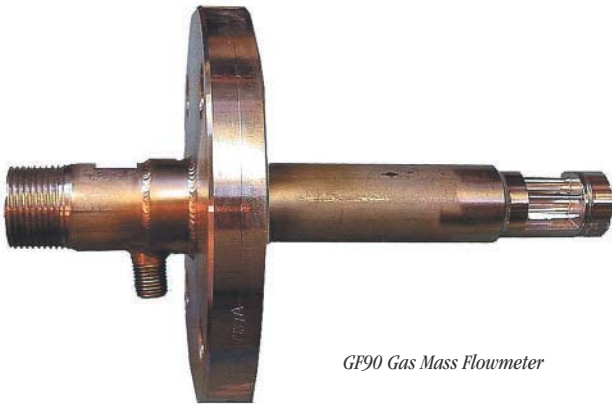
*"We are prepared to solve your most difficult and unusual applications."  
FCI is dedicated to the design and manufacture of unique customer requirements.*



## Description

Self-cleaning sensor assemblies clean dirt and grit off flow sensor tubes without removing the flow elements from the installation. Purge ports prevent dirty gas material or film from building up on key thermowell surfaces by emitting a periodic cleaning blast. Suitable for compressed air, inert gas or solvent purge applications.

Dirty process applications require periodic sensor element servicing/cleaning to insure optimum performance of mass flow meters. Self-contained sensor cleaning assemblies dramatically reduce plant maintenance/service intervals resulting in considerable cost-savings.



GF90 Gas Mass Flowmeter

## Industry Applications

- › Fly ash
- › Flare gas
- › Blast furnace gas
- › Smokey cyclone separator airflow
- › Landfill vapor
- › Dirty gas in filter production

## FCI Model Availability

- › GF90 gas mass flowmeter

## How To Order

Please contact your local FCI Sales Representative to configure the part number using the following OIS information:

- › For GF90, select a "W" in Box 9 and enter;  
"316 stainless steel with self-cleaning purge assembly."

## Other FCI proven custom product solutions include, but are not limited to:

- › Quick disconnect sensors
- › Sensor coatings for corrosive processes
- › Custom extended sensor lengths
- › Custom process connections
- › Portable flowmeters
- › Self-calibrating flowmeters
- › Sun and wind enclosure shades
- › Instrument programming/communications setup
- › Flow conditioning and extreme process evaluations

## Your local FCI Sales Representative is:

**FCI** FLUID COMPONENTS  
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**FCI is ISO 9001 certified/conformance to AS9000**