

Gas Chamber Orifice

Water Level

General Description

KISTERS' Gas Chamber Orifice (GCO1P) is designed to replace the standard orifice in a gas purge water level measurement system. It permits the **use of extremely low bubble rates with increased sensitivity** and near total reduction of lag between actual level rise and orifice pressure. It can also operate satisfactorily when buried under up to 1 m of silt.

Bubble rates as low as 10 bubbles per minute can be used, thereby **reducing gas consumption** and prolonging the life of the gas bottle, or reducing the duty cycle operation of the compressor pump on our HS-55/45/40/30 bubbler water level measurement systems.

The main GCO1P chamber is constructed entirely of polyethylene with a copper coated brass screen to deter aquatic growth, and is supplied fitted with a 2" flex-

ible coupling to suit a standard 2" threaded pipe and to allow easy installation as the coupling allows up to 30 degrees of adjustment from horizontal. The GCO1P has an in-built 1/4 inch NPT hex brass coupling and is supplied with 1/4 inch NPT male to 3/8". The bottom of the chamber includes a revolving copper coated brass screen for cleaning purposes. The unit is designed to be fitted to existing installations preferably during low water condition.

Features

- Robust construction
- Non-corrosive material
- Zero lag at 2.5 m H2O with a rate of rise of 9 metres/hour (see manual for details)
- Flexible coupling
- Low bubble rate consumption
- Prolongs the life of the gas bottle
- Longer battery life by reducing the duty cycle operation of a gas purge compressor



Technical Specifications

Material	<ul style="list-style-type: none"> - Body: polyethylene - Screen: brass, copper plated (reduces aquatic growth) - Coupling: 316 stainless steel
Screen	Revolving screen for ease of cleaning
Bubble rate	Reduce bubble rate to 10 bubbles/min
Dimensions	410 mm x 210 mm x 110 mm

Reseller

KISTERS Australia | sales@kisters.com.au | kisters.com.au
KISTERS Europe | hydromet.sales@kisters.eu | kisters.eu
KISTERS New Zealand | sales@kisters.co.nz | kisters.co.nz
KISTERS North America | kna@kisters.net | kisters.net