

QC-SYSTEM FOR HIGH FLOW

Types: GH-DK * GH-RK / U.S.PAT.NO. 6,357,494



QC-System for high-flow dispense and fill rates of up to 150L/min with patented key-code system.

Features:

- High flow-rates for efficient and fast dispensing and filling *.
- Safe and clean handling of chemicals in a close loop system.
- All wetted components are made of high purity plastics-/ elastomers. No metal parts
- Built-in check-valve assures Spill-free connection and disconnection.
- Built-in vent system
- Quick and easy coupling to dip-tube
- Dip-tubes available for a wide range of containers from 10-1000L.
- Qualified for high-purity and flammable liquids.
- Dip-tube types: GT2
- Designed for pump systems.
- Modular system for many individual applications.



Options for versatile applications:

- ▶ with horizontal opening (H)
- ▶ with manual valve
- ▶ with limit switch for signaling, e.g. when connected correctly to the dip tube.
- ▶ Manual (ball valve) with integrated limit switch for signaling of the switching status "open or closed"

Accessories for the perfect handling:



Docking-station
bellow



multi-wrench



O-S-S



flexible

Remarks:

- The G-series "GH-" are **not** compatible to the dip-tubes series DT1-, DT2- und DT3.
- Flaretek® is a registered trademark of Fluoroware, Inc.
- Kalrez® is a registered trademark of DuPont Co.
- * Because of safety reasons, the Quick-connect for dispensing (GH-DK) has no connection/opening for chemical return. Therefore, a second QC is required for chemical recirculation (GH-RK).

Technical Specifications:

Materials basic hull	<ul style="list-style-type: none"> • PE-HD, PVDF, PFA • CD (electrically conductive) • CDPFA (electrically conductive)
Check valve (PCTFE) Dispense Head: Recirculation Head:	<ul style="list-style-type: none"> • Opening Pressure 0.015 bar • Opening Pressure 0.07 bar
O-ring standard optional	<ul style="list-style-type: none"> • Perfluorelastomer (Kalrez®) • FPM, EPDM
Flow-rate	<ul style="list-style-type: none"> • max 100 liter/min. • max.150 liter/min. with ball valve
Chemical connection	<ul style="list-style-type: none"> • Flaretek® 3/4"-1" • More connections available on request
Vent connection	<ul style="list-style-type: none"> • NPT 3/8" inner thread • Flaretek® connection
Dip-tube thread types	GT2-S56, GT2-S62, GT2-S70x6, GT2-S70x5 GT2-S64 (2" buttress)
Article Number (e.g. dispensing)	<ul style="list-style-type: none"> • GH-DK-PE-019-HF1 "-F3/8" <p>For detailed specifications of individual models please contact our technical sales.</p>

QC-System – a product from AS Strömungstechnik GmbH | www.asstroemungstechnik.de

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