

G-Series – QC-System for High Flow

THE SMART HANDLING
OF LIQUID CHEMICALS

Quickly Connected. Safely Dispensed.

U.S. Patents 6,357,494; 9,580,197



Options for versatile applications:



- ▶ horizontal opening (H)
- ▶ manual valve
- ▶ 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:



Remarks:

The G-series "GH-" are not compatible to the dip-tubes series DT, DT2 and DT3. Kalrez® is a registered trademark of DuPont Co.

*Because of safety reasons, the QC-System for dispensing (GH-DK) has no connection/opening for chemical return. Therefore, a second QC is required for chemical recirculation (GH-RK).

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 fast dispensing and filling (*see remarks).
- 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
- Spillage-free connection and disconnection.
- Quick and easy coupling to dip-tube
- Dip-tubes available for a wide range of containers from 5-1000L.
- Qualified for high-purity and flammable liquids.
- Dip-tube types: GT2
- Designed for pump systems
- Modular system for many individual applications

Technical Specifications:

Materials (basic hull)	<ul style="list-style-type: none">• PE-HD, PVDF, PFA• CD (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">• Flare 3/4"-1"• More connections available on request
Vent connection	<ul style="list-style-type: none">• NPT 3/8" inner thread• Flare connection
Dip-tube thread types	GT2-S56, GT2-S62, GT2-S70x6 GT2-S70x5, GT2-S64 (2" buttress)
Article Number (e.g. dispensing)	• GH-DK-PE-019-HF1"-F3/8"
	For detailed specifications of individual models please contact our technical sales.