

QC2 Dispense Head

Incorporated with Turbine Flow Meter

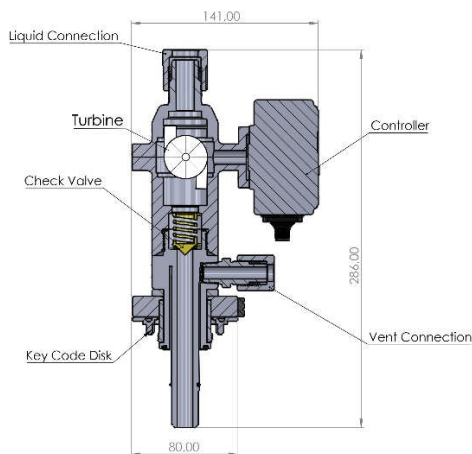


Offers identical features as our QC2 dispense heads with the addition of dosing and flow metering capabilities

Two Main Options:

- Totalizer-allows verification of flow during dispensing process
 - Ensures Flow Rate
 - Verifies volume transferred
- Batch Control- easy integration with small volumes of transfer, ability to transfer only needed amounts
 - Dosing and Mixing without the need of expensive metering pumps
 - Can be easily be programmed to send signals to process controls

Diagram with Dimensions (cm)



Weight: ~500 grams (PE)

Technical Specifications

QC2-Series max flow rate	• 32 lpm / 8 gpm
Materials of construction for body	• HDPE as an alternative PVDF is also available
Mounting Note	• Vertical body orientation and horizontal transducer orientation offered for this configuration (other set ups are available)
Medium Wetted Parts	• Inner Turbine Components: PVDF • Bearing Turbine Shaft: Sapphire/Ceramics (Al2O3) • Seals: FKM, EPDM
Key Code	• Standard QC2 options
Flow Transducer	• Housing: PP • Housing seal: NBR
Measurement Data	• Measuring range: 2 lpm-120 lpm • Start up: ≤ 1.5 lpm • Pulse rate: 256 pulses / L • Accuracy: $\pm 1.0\%$ full scale • Repeatability: $\pm 0.5\%$ full scale
Operating Temperature	• -20 to 60 degrees Celsius • Medium Temperature with body material
Pressure Loss	• 0.1 Bar for 3600 L/h
Electrical Connections	• Totalizer: Plug, type A, DIN EN 175301-803 • Batch Controller: M12x1 5 pin plug • Voltage: ≤ 36 V DC/30 V AC • Power Supply: 18-30 V DC • Current: ≤ 2 A DC • Rating: ≤ 60 W • Recommended connection cable: 8-10 mm diameter

Item Numbers - Examples

Batch Control

DH-DCF-PE-XXX-F1/2"-F3/8" (with Viton gaskets)
DH-DCE-PE-XXX-F1/2"-F3/8" (with EPDM gaskets)

Totalizer

DH-DTF-PE-XXX-F1/2"-F3/8" (with Viton gaskets)
DH-DTE-PE-XXX-F1/2"-F3/8" (with EPDM gaskets)

- Measuring certificate with calibration data included. Calibration with water temperature of 20 degrees Celsius.
- Particles contained in the medium that are greater than 100 μ m may cause blockage.

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