



IMPACT® 8G FLUSHING SHELL

Transitional flow-through device, that enables a more efficient flow path and enhanced cleanliness

Overview

Building on Impact® 2 flushing shell's fundamental design, Impact 8G flushing shell offers a cleaner, more efficient transitional flow-through solution for point-of-use (POU) photochemical filtration and dispense. Compatible with both Impact 2 and Impact 8G filter families, this compact flow-through device occupies a smaller form factor, and delivers enhanced device cleanliness between filter changeouts or before filter installations. The design enhancements enable a reduction in chemical waste with reduced hold-up volume and ensure overall mechanical stability.



Features and Benefits

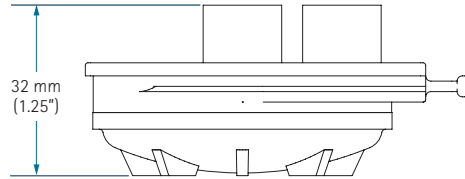
Features	Benefits
More efficient flow path	Cleaner, more efficient transitional flow-through solution for POU photochemical filtration and dispense Flow-through device that is compatible with Impact 2 and Impact 8G filter families Minimal hold-up volume for quick flush up and reduced chemical usage
Advanced cleanliness specification	Added device particle and metal specifications to ensure overall device cleanliness and better quality control Clean HDPE resin provides enhanced organics, metals and particle shedding performance and minimizes sources of contamination
Reduced hold-up volume	Higher rated burst pressure improving mechanical device integrity Extended cycle lifetime enabling greater durability

Specifications

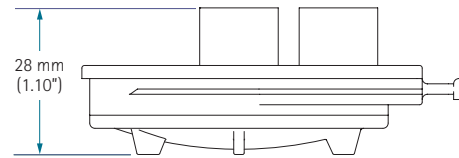
	Impact 2 Flushing Shell	Impact 8G Flushing Shell
Hold-up volume:	9 mL	1 mL
Resin:	Standard	Ultra clean
Internal surface area:	33 cm ² (5.12 in ²)	1.4 cm ² (0.22 in ²)
Internal Test Results		
Durability air pulse test (0-0.6 MPa):	1.5 ~ 2.0 million cycles	>6.0 million cycles
Burst pressure:	3.5 ~ 4.2 MPa	4.6 ~ 5.5 MPa
Particle shedding:	–	≤20 particles/1 mL (≥0.05 μm H ₂ O after 5 min flush)
Metal (10% HCl extract):	–	<2.0 μg/unit (23 metals)
Organics (reference data) (GC-FID test):	2.7 ~ 3.4 mg/unit	0.01 ~ 0.03 mg/unit

Dimensions

Impact 2 V2 Flushing Shell



Impact 8G Flushing Shell



Ordering Information

Part Number	Description
A2AMC00K1	Impact 8G flushing shell with Kalrez® o-ring
A2AMC0001	Impact 8G flushing shell with no o-ring

For More Information

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