

# Impact® 8G Flushing Shell

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



Building on the industry-proven design of our Impact® 2 flushing shell, the 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. Intended for short-term use flushing tools and fluid lines, the design enhancements reduce chemical waste and hold-up volume, ensuring overall mechanical stability.

## 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
	Minimizes hold-up volume enabling quick flush up, and reduces chemical usage
Advanced cleanliness specification	Added device particle and metal specifications ensure overall device cleanliness and better quality control
	Clean HDPE resin enhances organic, metal, and particle shedding performance and minimizes sources of contamination
Reduced hold-up volume	Higher rated burst pressure improves mechanical device integrity
	Extended cycle lifetime enables greater durability

## SPECIFICATIONS

	IMPACT 2 FLUSHING SHELL	IMPACT 8G FLUSHING SHELL
Hold-up volume	9 mL	1 mL
Resin	Standard	Ultraclean
Internal surface area	33 cm <sup>2</sup> (5.12 in <sup>2</sup> )	1.4 cm <sup>2</sup> (0.22 in <sup>2</sup> )
Operating Conditions	Maximum inlet pressure: 0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F)  Maximum temperature: 40°C (104°F)	

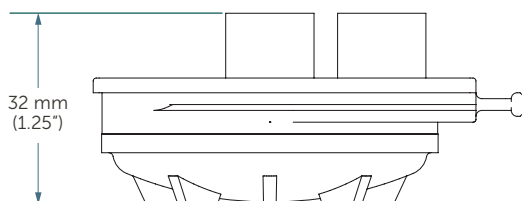
### Internal Test Results

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 <sub>2</sub> 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

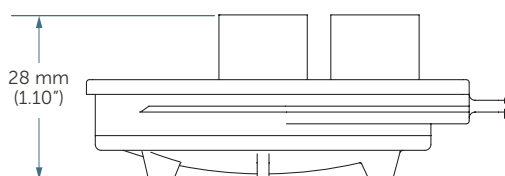
*Note: The flushing shell is recommended for short-term use flushing tools and fluid lines; it is NOT recommended for long-term use especially after applying pressure or exposure to solvents.*

## 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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