

# 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

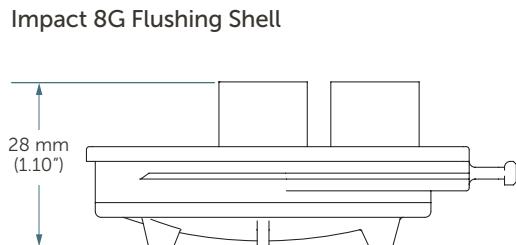
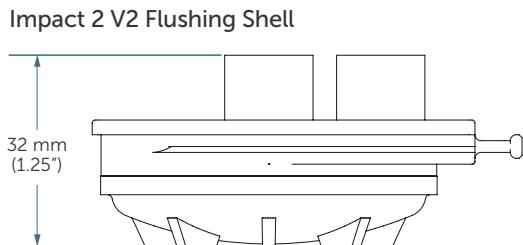
<b>More efficient flow path</b>	Cleaner, more efficient transitional flow-through solution for POU photochemical filtration and dispense  Flow-through device that is compatible with Impact 2 and Impact 8G filter families  Minimizes hold-up volume enabling quick flush up, and reduces chemical usage
<b>Advanced cleanliness specification</b>	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
<b>Reduced hold-up volume</b>	Higher rated burst pressure improves mechanical device integrity  Extended cycle lifetime enables greater durability

## SPECIFICATIONS

	IMPACT 2 FLUSHING SHELL	IMPACT 8G FLUSHING SHELL
<b>Hold-up volume</b>	9 mL	1 mL
<b>Resin</b>	Standard	Ultraclean
<b>Internal surface area</b>	33 cm <sup>2</sup> (5.12 in <sup>2</sup> )	1.4 cm <sup>2</sup> (0.22 in <sup>2</sup> )
<b>Operating Conditions</b>	Maximum inlet pressure: 0.34 MPa (3.4 bar, 50 psi) @ 25°C (77°F)  Maximum temperature: 40°C (104°F)	
<b>Internal Test Results</b>		
<b>Durability air pulse test (0-0.6 MPa)</b>	1.5 ~ 2.0 million cycles	>6.0 million cycles
<b>Burst pressure</b>	3.5 ~ 4.2 MPa	4.6 ~ 5.5 MPa
<b>Particle shedding</b>	—	≤20 particles/1 mL (≥0.05 µm H <sub>2</sub> O after 5 min flush)
<b>Metal (10% HCl extract)</b>	—	<2.0 µg/unit (23 metals)
<b>Organics (reference data) (GC-FID test)</b>	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



## 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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