

Protego® Plus IPA Purifier

APPLICATIONS

- Industry: Semiconductor (Wet Clean and Clean)
- Chemistry: Solvent
- Installation Point: Point-of-Tool

FEATURES & BENEFITS

test

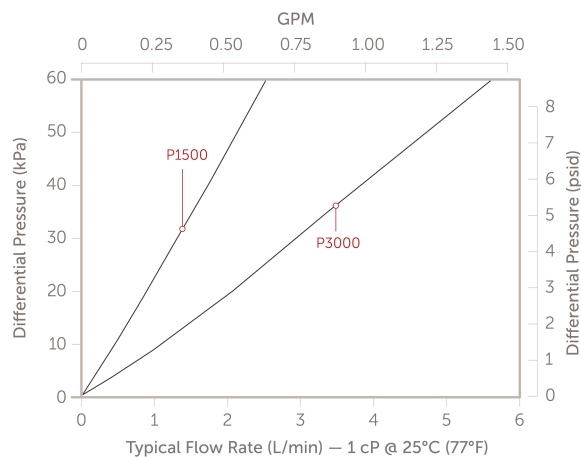


SPECIFICATIONS

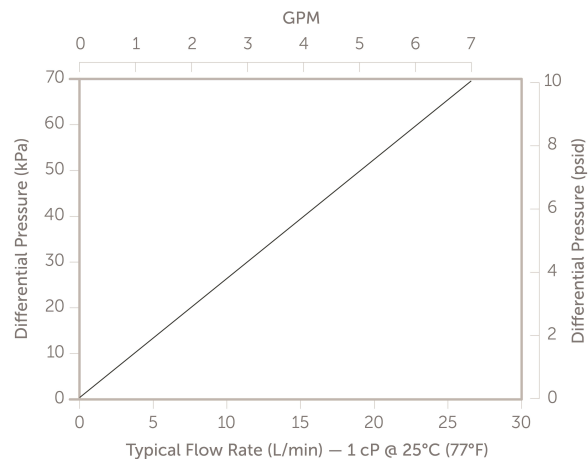
		Chem-Line™ II ATE 10" Disposable	P3000 Disposable	P1500 Disposable
Materials:	Membrane		PTFE	
	Supports, shell		PFA	
Purification capable:			Metal removal	
Purification capacity:		4.30 meq	1.18 meq	0.48 meq
Retention rating:			15 nm	
Fittings sizes		1/2" I/O - 1/4" V/D Super 300 Type Pillar®	1/2" I/O - 1/4" V/D Super 300 Type Pillar	1/2" I/O - 1/4" V/D Super 300 Type Pillar
		3/4" I/O - 1/4" V/D Super 300 Type Pillar	3/8" I/O - 1/4" V/D Super 300 Type Pillar	3/8" I/O - 1/4" V/D Super 300 Type Pillar
		3/4" I/O - 1/2" V/D Super 300 Type Pillar	8 mm I/O - 6mm V/D Super 300 Type Pillar	8 mm I/O - 6 mm V/D Super 300 Type Pillar
		1" I/O - 1/4" V/D Super 300 Type Pillar	8 mm I/O - 6 mm V/D Super 300 Type Pillar	8 mm I/O - 6 mm V/D Super 300 Type Pillar
		1" I/O - 1/2" V/D Super 300 Type Pillar	3/8" I/O - 1/4" V/D Flaretek	3/8" I/O - 1/4" V/D Flaretek
		3/4" I/O - 1/4" V/D Flaretek®		
		3/4" I/O - 1/2" V/D Flaretek		
		1" I/O - 1/4" V/D Flaretek		
NVR extractables:		≤1.0 mg/device (IPA)	≤0.4 mg/device (IPA)	
Metals extractables:			<3 ug/device	
Filtration area:		1.77 m ² (19.05 ft ²)	0.49 m ² (5.27 ft ²)	0.20 m ² (2.15 ft ²)
Flow resistance with 2 L/min IPA @ 1.96 cP (25°C):		11.5 kPa @ Inlet/Outlet 1"	39 kPa	99 kPa
Flow resistance with 2 L/min IPA @ 0.97 cP (about 50°C):		9.2 kPa @ Inlet/Outlet 1"	19 kPa	49 kPa
Operating conditions:	Temperature rating		70°C (158°F)	
	Maximum operating pressure	0.58 MPa @ 25°C (77°F)	0.44 MPa @ 25°C (77°F)	
	Maximum forward differential pressure	0.44 MPa @ 25°C (77°F)	0.39 MPa @ 25°C (77°F)	
	Maximum reverse differential pressure	0.34 MPa @ 25°C (77°F)	0.26 MPa @ 25°C (77°F)	

PERFORMANCE DATA

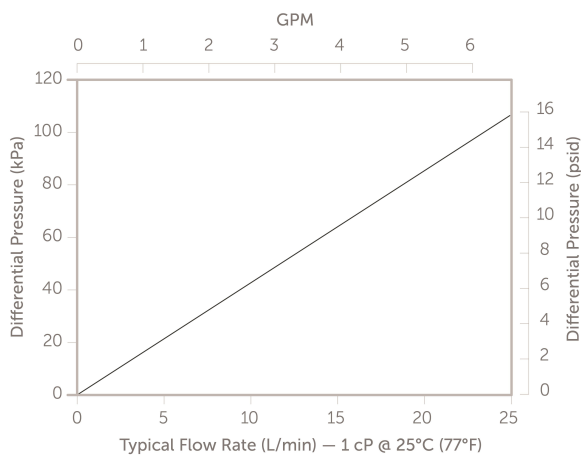
Protego Plus IPA Purifiers Small Disposable Filters



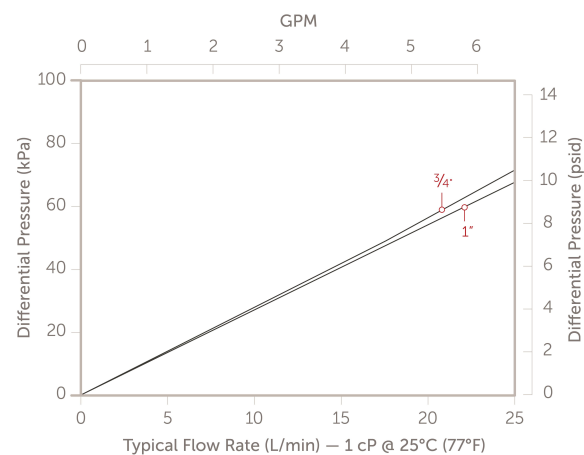
Protego Plus IPA Purifiers Chem-Line II ATE Disposable Filters – 1" Fittings



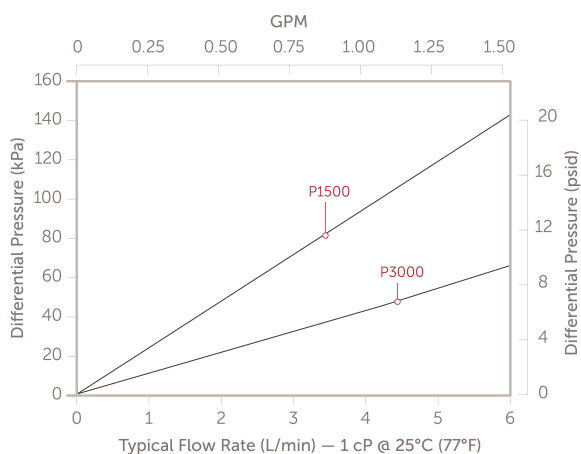
Protego Plus IPA Purifiers 10" Chem-Line II Filters ½" Fittings



Protego Plus IPA Purifiers 10" Chem-Line II Filters ¾" and 1" Fittings



Protego Plus IPA Purifiers Small Disposable P1500/P3000

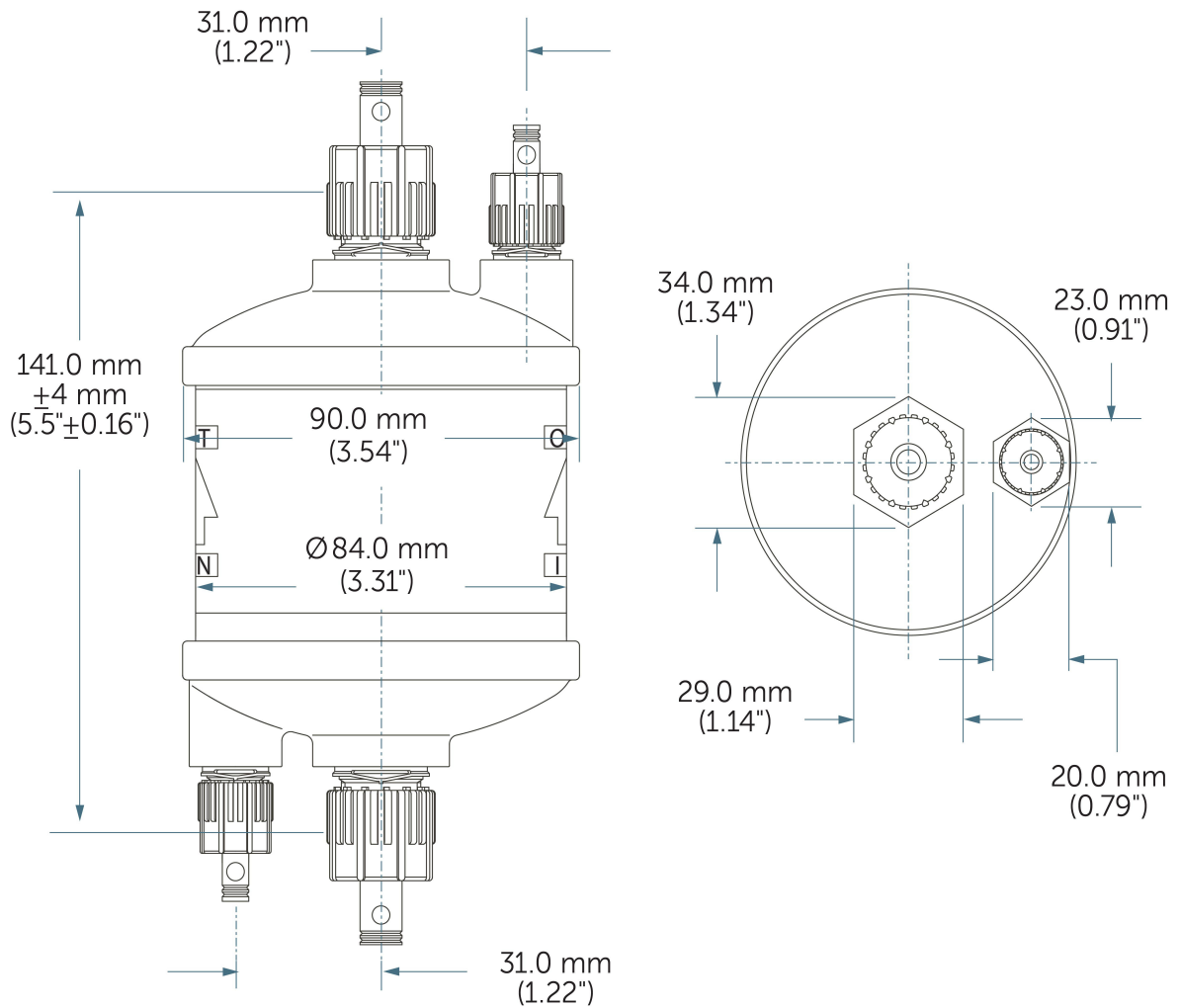






DRAWINGS

Protego IPA 1500 UCM 15 nm $\frac{3}{8}$ " Super 300 Type Pillar









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