



# Product Explorer

		Capillary Flow Porometer Line					Permeameter Line			Porosimeter Line		BET Line		Pycnometer Line		WESA Line				
		Bubble Point Tester	Capillary Flow Porometer	Integrity Analyzer	Filtration Media Analyzer	Complete Filter Cartridge Tester	Liquid Permeameter	Gas Permeameter	Diffusion Permeameter	Mercury/Non-mercury Porosimeter	Aquapore	BET Sorptometer	BET Liquisorb Sorptometer	Gas Pycnometer	Mercury Pycnometer	WESA				
A v a i l a b l e  T e s t s	Mean Pore Size		X	X	X	X				X	X	X	X				Mean Pore Size	A v a i l a b l e  T e s t s		
	Pore Size Distribution		X	X	X	X				X	X	X	X				Pore Size Distribution			
	Total Pore Volume									X	X	X	X				Total Pore Volume			
	Bubble Point (largest pore)	X	X	X	X	X											Bubble Point (largest pore)			
	Integrity		X	X	X	X											Integrity			
	Gas Permeability		X	X	X	X		X									Gas Permeability			
	Liquid Permeability		X		X	X	X										Liquid Permeability			
	Frazier Permeability		X		X	X											Frazier Permeability			
	Diffusion Permeability								X								Diffusion Permeability			
	Hydro-Head test		X		X	X											Hydro-Head test			
	Single Point Surface Area											X	X				Single Point Surface Area			
	Multi-Point Surface Area											X	X				Multi-Point Surface Area			
	External Surface Area														X		External Surface Area			
	Porosimetry Surface Area									X	X						Porosimetry Surface Area			
	Adsorption & Desorption Isotherms											X	X				Adsorption & Desorption Isotherms			
	Chemisorption											X	X				Chemisorption			
	Liquid Vapor Adsorption												X				Liquid Vapor Adsorption			
	Bulk Density									X	X				X		Bulk Density			
Absolute Density									X				X			Absolute Density				
Particle Size Distribution									X							Particle Size Distribution				
O p e r a t i n g  C o n d i t i o n s	Compression		X				X	X								Compression	O p e r a t i n g  C o n d i t i o n s			
	Tension		X				X	X								Tension				
	Elevated Temperature		X				X	X	X			X				Elevated Temperature				
S a m p l e  I n f o	Pore Size Range	0.013-500μ	0.013-500μ	0.013-500μ	0.013-500μ	0.013-500μ	N/A	N/A	N/A	0.0035-500μ	0.0005-20μ	3.5-2000Å	3.5-2000Å	up to 2Å	N/A	N/A	Pore Size Range	S a m p l e  I n f o		
	Surface Area Range (in m <sup>2</sup> /g)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1-100	1-100	0.01-∞	0.01-∞	N/A	N/A	0.1-10	Surface Area Range (in m <sup>2</sup> /g)			
	Permeability Range (in Darcies)	N/A	1x10 <sup>-3</sup> -50	1x10 <sup>-3</sup> -50	1x10 <sup>-3</sup> -50	1x10 <sup>-3</sup> -50	1x10 <sup>-3</sup> -50	1x10 <sup>-3</sup> -50	see below	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Permeability Range (in Darcies)			
	Permeability Range (Microflow in cc/sec/m/torr)	N/A	1x10 <sup>-10</sup> -1x10 <sup>-6</sup>	N/A	1x10 <sup>-10</sup> -1x10 <sup>-6</sup>	N/A	N/A	N/A	1x10 <sup>-12</sup> -1x10 <sup>-6</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		Permeability Range (Microflow in cc/sec/m/torr)	
	Tests Dead-end & Through-pores									X	X	X	X				Tests Dead-end & Through-pores			
	Tests Through-pores only	X	X	X	X	X	X	X	X								Tests Through-pores only			
	Special Sample Requirements	no powders	no powders	no powders	no powders	accepts complete filters	no powders	no powders	no powders	N/A	hydro-phobic	N/A	N/A	N/A	N/A	N/A	Special Sample Requirements			
F e a t u r e s	Non-destructive	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Non-destructive	F e a t u r e s		
	Test Substance	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	air or non-corrosive gas	mercury	water	any pure gas	water, hydro-carbon solvents	helium or non-corrosive gas	mercury	air or non-corrosive gas	Test Substance			
	Automated Control	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Automated Control			
A p p l i c a t i o n s	Automotive Industry	X	X	X		X	X	X		X	X	X		X			Automotive Industry	A p p l i c a t i o n s		
	Battery Industry	X	X	X			X	X	X	X	X		X	X	X		Battery Industry			
	Ceramic Industry	X	X	X		X	X	X	X	X	X	X	X	X	X		Ceramic Industry			
	Chemical Industry								X	X	X	X	X	X		X	Chemical Industry			
	Filtration Industry	X	X	X	X	X	X	X	X			X					Filtration Industry			
	Geotextiles Industry	X	X	X			X	X	X								Geotextiles Industry			
	Nonwovens Industry	X	X	X		X	X	X	X				X	X			Nonwovens Industry			
	Paper Industry	X	X	X			X	X	X	X	X	X				X	Paper Industry			
	Pharmaceutical Industry	X	X	X					X	X	X	X	X	X		X	Pharmaceutical Industry			
Powder Metallurgy Industry								X	X	X	X	X	X		X	Powder Metallurgy Industry				