SPECIFICATIONS

MODEL	*i*Pore ™ 1020	*i*Pore ™ 1050	*i*Pore ™ 1100	*i*Pore ™ 1200	*i*Pore ™ 1300	*i*Pore ™ 1500
Standards	ASTM 316, others also	ASTM 316, others also	ASTM 316, others also	ASTM 316, others also	ASTM 316, others also	ASTM 316, others also
Measuring Principle	Flow	Flow	Flow	Flow	Flow	Flow
Pore Size (min)	0.3 µm	0.1 µm	0.06 µm	0.03 µm	0.02 µm	0.013 µm
Pore Size (max)	200 µm (upto 500um with X option)	100 µm (upto 500um with X option)	80 µm (upto 500um with X option)	80 µm (upto 500um with X option)	80 µm (upto 500um with X option)	80 µm (upto 500um with X option)
Pressure Range Accuracy ±0.05% of FS	20 psi	50 psi	100 psi	200 psi	300 psi	500 psi
Sample Size Standard	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick	0.25”-2.5” dia upto 1.5” thick 5mm to 60mm dia upto 40mm thick
Large or Small Sample Size	On request	On request	On request	On request	On request	On request
Sample Geometries* *Sample holder selection required	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc	Sheets, rods, tubes, hollow fiber, cartridge, powder, etc
Flow Rate	200SLPM, others available on request	200SLPM, others available on request	200SLPM, others available on request	200SLPM, others available on request	200SLPM, others available on request	200SLPM, others available on request
Flow Resolution	1 in 60,000	1 in 60,000	1 in 60,000	1 in 60,000	1 in 60,000	1 in 60,000
Pressure Sensors Solid state temperature compensated	Upto 4	Upto 4	Upto 4	Upto 4	Upto 4	Upto 4
Pressure Regulator Switch	Auto	Auto	Auto	Auto	Auto	Auto