

RELIABLE PERISTALTIC METERING PUMP



S420 SERIES

Flow activated by 4-20mA analog signal

Scalable 25% to 100%

Robust enclosed housing, NEMA 4X rated

SCAN FOR VIDEO



Leak Detection

Backup Pump Capability

LED Status Indicators

TOOLLESS TUBE REPLACEMENT

S34 MODELS

To Order, Build Pump Item Number
Insert item number prefix and codes

25 psi (1.7 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Turndown 4-20mA	Turndown Manual Mode	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S3403	3	100:1	20:1	40.0	1.67	213.0	3.56	151.0	6.31	6309.0	105.0
S3404	4	100:1	20:1	60.0	2.50	320.0	5.33	227.0	9.46	9464.0	158.0
S3405	5	100:1	20:1	85.0	3.54	453.0	7.56	322.0	13.41	13407.0	223.0

100 psi (6.9 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Turndown 4-20mA	Turndown Manual Mode	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S3401	1	100:1	20:1	5.0	0.21	27.0	0.44	19.0	0.79	789.0	13.0
S3402	2	100:1	20:1	17.0	0.71	91.0	1.51	64.0	2.68	2681.0	45.0
S3407	7	100:1	20:1	40.0	1.67	213.0	3.56	151.0	6.31	6309.0	105.0

Approximate Maximum Output @ 50/60Hz



code	Voltage & Hertz
AA	120V 60Hz
BA	230V 60Hz
DC	230V 50Hz <i>International</i>

Contact the factory for additional voltage and plug options.

code	Suction & Discharge Tubing
10	1/4" White
20	1/4" UV Black
30	3/8" White
40	3/8" UV Black
50	6 mm White <i>Europe</i>

O.D does not affect output.

code	Tube Material
1	Santoprene®
2	Versilon® (#7 not available)

Refer to the chemical guide for material compatibility.

S44 MODELS

To Order, Build Pump Item Number
Insert item number prefix and codes

25 psi (1.7 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Turndown 4-20mA	Turndown Manual Mode	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S445X	5X	100:1	20:1	150.0	6.25	800.0	13.33	568.0	23.66	23659.0	394.0

100 psi (6.9 bar) max. Flow Rate Outputs

Item Number Prefix	Pump Tube	Turndown 4-20mA	Turndown Manual Mode	Gallons per Day	Gallons per Hour	Ounces per Hour	Ounces per Minute	Liters per Day	Liters per Hour	Milliliters per Hour	Milliliters per Minute
S447X	7X	100:1	20:1	60.0	2.50	320.0	5.33	227.0	9.46	9464.0	158.0

Approximate Maximum Output @ 50/60Hz



code	Voltage & Hertz
AA	120V 60Hz
BA	230V 60Hz
DC	230V 50Hz <i>International</i>

Contact the factory for additional voltage and plug options.

code	Suction & Discharge Tubing
30	3/8" White
40	3/8" UV Black

O.D does not affect output.

code	Ball Check Valve Spring, Seat & O-ring
1	Tantalum spring, FKM seat & O-ring
2	Stainless steel spring, EPDM seat, Santoprene® O-ring

Refer to the chemical guide for material compatibility.

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