

USEFUL CONVERSIONS

FLOW CONVERSIONS		
FROM	TO	MULTIPLY BY
LPM	M3/Hr	0.06
SCFM	M3/Hr	1.7
IGPM	L/hr	273
USGPM	L/hr	227
IGPH	L/min	0.076
USGPH	L/min	0.06
SCFH	L/min	0.472
LPH	cc/min	16.67
PPD	kg/hr	0.0189

*To convert air flows for a given flowrate to a gas listed below divide by the conversion factor, i.e. for a flow of air at STP listed as 0.2 to 2 LPM the equivalent Argon flow would be:-
 $\frac{0.2}{1.18}$ to $\frac{2}{1.18} = 0.17 - 1.7$ LPM Argon

PRESSURE		
FROM	TO	MULTIPLY BY
psi	millibar	68.95
psi	Atm	0.068
Psi	Inches H ₂ O	27.68
kPa	millibar	10
Inches H ₂ O	millibar	2.40

VOLUME AND MASS		
FROM	TO	MULTIPLY BY
US galls	Litres	3.79
Imp galls	Litres	4.55
SCH	Litres	28.32
Pound	kg	0.454
Imp Pint	Litres	0.568

STANDARD GAS CONVERSIONS		
GAS	RELATIVE DENSITY	CONVERSION FACTOR*
Acetylene	0.90	0.95
Argon	1.38	1.18
Butane	2.00	1.42
Carbon Dioxide	1.52	1.23
Helium	0.14	0.37
Hydrogen	0.07	0.26
Methane	0.55	0.74
Nitrogen	0.97	0.98
Oxygen	1.105	1.05
Propane	1.52	1.23

Conversion factors given @ Standard Temperature & Pressure (STP) = 20°C/1013 mbar abs

Please contact our Sales Office for:

* Gases not given above, or for gases at temperature or pressure variation to STP

* Alternative liquid flows