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UV Disinfection Systems -Products & Design  
 Designed for Power Plants, Municipal,  
 Food/Beverage & Bio Pharma



Dump Valves  
 Liquid Level Controllers  
 Regulators



Pressure – Gauge & Differential Transmitters  
 Recorders – Digital, Paper  
 Analyzers – CEMS, Paramagnetic, NDIR, Zirconia  
 Flowmeters–Magnetic, Ultrasonic  
 Temperature - Controllers



Gas Transmitters - Tunable Diode Laser  
 In-situ Gas Analyzers  
 Extractive Gas Analyzers



Lift Station Performance Analyzers Flowmeters  
 Overflow Event/Volume Recorders  
 Variable Speed Pump Flow Meters



Automatic Samplers – Refrigerated, Portable  
 Flowmeters – Open Channel, LASER, AV, Bubbler  
 Flowlink – Data Analysis Software & Hosting  
 Wireless Telemetry Systems  
 Cellular Communications, Solar/Battery Powered



Differential Pressure Gauges  
 Flow Gauges  
 Cryogenic Tank Level



Flumes, Weir Boxes, Metering Manholes  
 Buildings, Instrument Enclosures



Calibration & Startup Services  
 Installation & Repair  
 Authorized Service Center –Turnkey Installation



Length Units							
mm	cm	m	km	in	ft	yd	mi
1	0.1	0.001	0.000001	0.03937	0.003281	0.001094	6.21e-07
10	1	0.01	0.00001	0.393701	0.032808	0.010936	0.000006
1000	100	1	0.001	39.37008	3.28084	1.093613	0.000621
1000000	100000	1000	1	39370.08	3280.84	1093.613	0.621371
25.4	2.54	0.0254	0.000025	1	0.083333	0.027778	0.000016
304.8	30.48	0.3048	0.000305	12	1	0.333333	0.000189
914.4	91.44	0.9144	0.000914	36	3	1	0.000568
1609344	160934.4	1609.344	1.609344	63360	5280	1760	1

Area Units					
mm <sup>2</sup>	cm <sup>2</sup>	m <sup>2</sup>	in <sup>2</sup>	ft <sup>2</sup>	yd <sup>2</sup>
1	0.01	0.000001	0.00155	0.000011	0.000001
100	1	0.0001	0.155	0.001076	0.00012
1000000	10000	1	1550.003	10.76391	1.19599
645.16	6.4516	0.000645	1	0.000944	0.000772
92903	929.0304	0.092903	144	1	0.111111
836127	8361.274	0.836127	1296	9	1

Volume Units						
cm <sup>3</sup>	m <sup>3</sup>	ltr	in <sup>3</sup>	ft <sup>3</sup>	US gal	US brl
1	0.000001	0.001	0.061024	0.000035	0.000264	0.000006
1000000	1	1000	61024	35	264	6.29
1000	0.001	1	61	0.035	0.264201	0.00629
16.4	0.000016	0.016387	1	0.000579	0.004329	0.000103
28317	0.028317	28.31685	1728	1	7.481333	0.178127
3785	0.003785	3.79	231	0.13	1	0.02381
158970	0.15897	159	9701	6	42	1

Mass Units			
g	kg	lb	oz
1	0.001	0.002205	0.035273
1000	1	2.204586	35.27337
453.6	0.4536	1	16
28	0.02835	0.0625	1

Density Units			
g/ml	kg/m <sup>3</sup>	lb/ft <sup>3</sup>	lb/in <sup>3</sup>
1	1000	62.42197	0.036127
0.001	1	0.062422	0.000036
0.01602	16.02	1	0.000579
27.68	27680	1727.84	1

Volumetric Liquid Flow Units						
L/sec	L/min	m <sup>3</sup> /hr	ft <sup>3</sup> /min	ft <sup>3</sup> /hr	gal/min	US brl/d
1	60	3.6	2.119093	127.1197	15.85037	543.4783
0.016666	1	0.06	0.035317	2.118577	0.264162	9.057609
0.277778	16.6667	1	0.588637	35.31102	4.40288	150.9661
0.4719	28.31513	1.69884	1	60	7.479791	256.4674
0.007867	0.472015	0.02832	0.01667	1	0.124689	4.275326
0.06309	3.785551	0.227124	0.133694	8.019983	1	34.28804
0.00184	0.110404	0.006624	0.003899	0.2339	0.029165	1

Temperature Conversion Formulas	
Celsius (°C)	(°F - 32) x 5/9
	(K - 273.15)
Fahrenheit (°F)	(°C x 9/5) + 32
	(1.8 x K) - 459.67
Kelvin (K)	(°C + 273.15)
	(°F + 459.67) - 1.8

Volumetric Gas Flow Units		
Nm <sup>3</sup> /hr	scfh	scfm
1	35.31073	0.588582
0.02832	1	0.016669
1.699	59.99294	1

Mass Flow Units			
kg/h	lb/hour	kg/s	t/h
1	2.204586	0.000278	0.001
0.4536	1	0.000126	0.000454
3600	7936.508	1	3.6
1000	2204.586	0.277778	1

Torque Units			
Nm	kgfm	ftlb	inlb
1	0.101972	0.737561	8.850732
9.80665	1	7.233003	86.79803
1.35582	0.138255	1	12
0.112985	0.011521	0.083333	1

High Pressure Units						
bar	psi	kPa	MPa	kgf/cm <sup>2</sup>	mm Hg	atm
1	14.50326	100	0.1	1.01968	750.0188	0.987167
0.06895	1	6.895	0.006895	0.070307	51.71379	0.068065
0.01	0.1450	1	0.001	0.01020	7.5002	0.00987
10	145.03	1000	1	10.197	7500.2	9.8717
0.9807	14.22335	98.07	0.09807	1	735.5434	0.968115
0.001333	0.019337	0.13333	0.000133	0.00136	1	0.001316
1.013	14.69181	101.3	0.1013	1.032936	759.769	1

Dynamic Viscosity Units		
cp	poise	lb/(ft·s)
1	0.01	0.000672
100	1	0.067197
1488.16	14.8816	1

Low Pressure Units				
ftH <sub>2</sub> O	cmHg	inHg	inH <sub>2</sub> O	Pa
1	2.242311	0.882753	12.000	2989
0.445969	1	0.39368	5.351265	1333
1.13282	2.540135	1	13.59293	3386
0.083339	0.186872	0.073568	1	249.1
0.000335	0.00075	0.000295	0.004014	1

Kinematic Viscosity Units			
cs	St	ft <sup>2</sup> /s	m <sup>2</sup> /s
1	0.01	0.000011	0.000001
100	1	0.001076	0.0001
92903	929.03	1	0.092903
1000000	10000	10.76392	1

Speed Units					
m/s	m/min	km/h	ft/s	ft/min	mi/h
1	59.988	3.599712	3.28084	196.8504	2.237136
0.01667	1	0.060007	0.054692	3.281496	0.037293
0.2778	16.66467	1	0.911417	54.68504	0.621477
0.3048	18.28434	1.097192	1	60	0.681879
0.00508	0.304739	0.018287	0.016667	1	0.011365
0.447	26.81464	1.609071	1.466535	87.99213	1