



# Pirani Gauges in Argon



Actual Pressure Measured with N.I.S.T. Calibrated Diaphragm Gauges			Indicated Pressure on VRC Pirani Gauges in Argon		
Range of Sensor 0.01 to 1000 mT	Range of Sensor 0.001 to 10 Torr	Range of Sensor 0.1 to 1000 Torr	Range of Sensor 0.01 to 100 mT	Range of Sensor 1 to 2000 mT	Range of Sensor 0.01 to 20 Torr
			0.01 mT		
0.05 mT			0.06 mT		
0.1 mT			0.14 mT		
0.5 mT			0.53 mT	1 mT	
1.01 mT			0.88 mT	2 mT	
5 mT			3.45 mT	5 mT	
10 mT			6.28 mT	8 mT	
20 mT			13.25 mT	15 mT	0.01 Torr
40 mT			26.51 mT	28 mT	0.03 Torr
60 mT			38.62 mT	40 mT	0.04 Torr
80 mT			51.53 mT	52 mT	0.06 Torr
100 mT			65.28 mT	64 mT	0.07 Torr
200 mT			107 @ 180 mT	113 mT	0.14 Torr
500 mT			Off Scale	300 mT	0.32 Torr
800 mT				400 mT	0.43 Torr
1000 mT	0.98 Torr			742 mT	0.58 Torr
	1.299 Torr			1057 mT	0.72 Torr
	1.8 Torr			1401 mT	0.92 Torr
	2.5 Torr			1640 mT	1.26 Torr
	6 Torr	5.9 Torr		Off Scale	2.65 Torr
		15 Torr			5.7 Torr
		20 Torr			6.63 Torr
		40 Torr			10.13 Torr
		60 Torr			11.65 Torr
		80 Torr			12.65 Torr
		100 Torr			13.63 Torr
		200 Torr			15.81 Torr
		400 Torr			17 Torr
		600 Torr			17.46 Torr
		760 Torr			17.72 Torr



# Pirani Gauges in Helium



Actual Pressure Measured with N.I.S.T. Calibrated Diaphragm Gauges			Indicated Pressure on VRC Pirani Gauges in Helium		
Range of Sensor 0.01 to 1000 mT	Range of Sensor 0.001 to 10 Torr	Range of Sensor 0.1 to 1000 Torr	Range of Sensor 0.01 to 100 mT	Range of Sensor 1 to 2000 mT	Range of Sensor 0.01 to 20 Torr
			0.01 mT		
0.05 mT			0.07 mT		
0.1 mT			0.13 mT		
0.5 mT			0.52 mT	1 mT	
1 mT			1 mT	2 mT	
2 mT			1.92 mT	3 mT	
5 mT			4.03 mT	6 mT	
10 mT			8.27 mT	11 mT	0.01 Torr
20 mT			15.97 mT	17 mT	0.02 Torr
40 mT			33.5 mT	31 mT	0.03 Torr
60 mT			53.93 mT	46 mT	0.05 Torr
80 mT			79.1 mT	60 mT	0.06 Torr
100 mT			97.38 mT	73 mT	0.08 Torr
200 mT			Off Scale	134 mT	0.16 Torr
400 mT				296 mT	0.31 Torr
600 mT	0.589 mT			461 mT	0.46 Torr
800 mT	0.786 mT			658 mT	0.6 Torr
1000 mT	0.982 mT			878 mT	0.74 Torr
Off Scale	1.3 Torr			1274 mT	0.96 Torr
	1.8 Torr			1933 mT	1.47 Torr
	2.5 Torr			Off Scale	2.24 Torr
	5 Torr				6.48 Torr
	10 Torr				Off Scale
	Off Scale				



# Pirani Gauges in Hydrogen



Actual Pressure Measured with N.I.S.T. Calibrated Diaphragm Gauges			Indicated Pressure on VRC Pirani Gauges in Hydrogen		
Range of Sensor 0.01 to 1000 mT	Range of Sensor 0.001 to 10 Torr	Range of Sensor 0.1 to 1000 Torr	Range of Sensor 0.01 to 100 mT	Range of Sensor 1 to 2000 mT	Range of Sensor 0.01 to 20 Torr
0.0 mT			0.01 mT		
0.05 mT			0.06 mT		
0.08 mT			0.10 mT	1 mT	
0.50 mT			0.62 mT	1 mT	
1 mT			1.23 mT	2 mT	
2 mT			2.3 mT	3 mT	0.0 Torr
4 mT			4.6 mT	5 mT	0.01 Torr
5 mT			5.6 mT	6 mT	0.01 Torr
10 mT			13 mT	12 mT	0.02 Torr
20 mT			27.16 mT	26 mT	0.03 Torr
40 mT			56.3 mT	52 mT	0.06 Torr
60 mT			91.42 mT	74 mT	0.10 Torr
80 mT			111.93 mT (overrange)	97 mT	0.13 Torr
100 mT			125.67 mT (overrange)	120 mT	0.16 Torr
200 mT			149.89 mT (overrange)	269 mT	0.32 Torr
400 mT			160 mT	577 mT	0.61 Torr
600 mT	589 mT			943 mT	0.88 Torr
800 mT	786 mT			1344 mT	1.26 Torr
1000 mT	972 mT			1768 mT	1.68 Torr
Off Scale	1.3 Torr			Off Scale	2.62 Torr
	1.8 Torr				4.03 Torr
	2.5 Torr				6.66 Torr
	5 Torr				Off Scale
	10 Torr				