

HOT WIRE CALIBRATION

	Pure NH3		10% cracking		20% cracking		28% cracking	
Velocity	Voltage	Error	Voltage	Error	Voltage	Error	Voltage	Error
m/s	V	V	V	V	V	V	V	V
0	0.4264	0.00236	0.42629	-7.10E-04	0.42601	-0.00102	0.42512	-0.00129
0.50001	0.43664	-3.60E-04	0.4503	-8.00E-04	0.45796	-3.60E-04	0.4662	-0.00112
1.00002	0.4489	-4.00E-04	0.4638	-3.00E-04	0.47147	-8.40E-04	0.48042	-0.00149
1.50004	0.45878	-3.40E-04	0.4734	-0.0011	0.48178	-3.20E-04	0.4918	-0.00113
2.00005	0.46736	-3.40E-04	0.48173	-0.00127	0.49084	-0.00107	0.50065	-0.00109
2.49996	0.4746	-1.10E-04	0.48916	-8.40E-04	0.49819	-0.00104	0.5077	-9.30E-04
2.99998	0.48048	-2.00E-04	0.49489	-1.10E-04	0.50515	-0.00177	0.5149	-9.40E-04
3.49999	0.48623	-1.90E-04	0.501	-9.00E-04	0.51087	-5.40E-04	0.5211	-0.00157
4	0.4913	-2.60E-04	0.5064	-4.00E-04	0.51555	-0.00131	0.52713	-0.00113
4.36103	0.4965	-2.50E-04	0.5104	0.0023	0.52128	-8.40E-04	0.5324	-0.00101
5.00002	0.5006	-1.10E-04	0.5156	-9.00E-04	0.52655	-9.60E-04	0.53697	-8.00E-05
5.50003	0.50477	-2.30E-04	0.51921	-8.90E-04	0.53036	-9.30E-04	0.54214	-9.30E-04
6.00005	0.50812	-1.80E-04	0.52318	-8.20E-04	0.53391	-2.10E-04	0.54606	-0.00195
6.49996	0.5123	-5.00E-05	0.52666	-3.40E-04	0.53834	-1.70E-04	0.55035	-0.00124
6.99998	0.51543	-5.00E-05	0.5304	-5.00E-04	0.5421	-8.10E-04	0.55442	-5.20E-04
7.49999	0.5186	-3.00E-04	0.53348	-5.20E-04	0.5452	-0.00112	0.5578	-0.00111
8	0.52172	-2.20E-04	0.53704	-0.00196	0.54861	-8.80E-04	0.56166	-0.00103
8.50001	0.52447	-2.70E-04	0.54003	-9.70E-04	0.552	-0.00151	0.56547	-4.30E-04
9.00002	0.52753	-5.50E-04	0.54294	0.00144	0.55575	-6.60E-04	0.5685	-4.90E-04
9.50003	0.53079	-1.60E-04	0.54602	0.00102	0.5593	-8.50E-04	0.5719	-0.001
10.00024	0.53333	-2.30E-04	0.54883	-0.00127	0.56248	-6.80E-04	0.57509	-8.90E-04