



# IANTD® Isobaric Counter Diffusion Chart ~ Side 1

5:1 Ratio permits 1% increase in N<sub>2</sub> for each 5% decrease in He

C-3402

	% He																			
FO <sub>2</sub>	90	85	80	75	70	65	60	55	50	45	40	35	30	25	20	15	10	5	0	FO <sub>2</sub>
.7	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78				.7
.8	2	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77				.8
.9	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76				.9
.10	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75				.10
.11	0	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79			.11
.12	0	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78			.12
.13		2	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77			.13
.14		1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76			.14
.15		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75			.15
.16			4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79		.16
.17			3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78		.17
.18			2	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77		.18
.19			1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76		.19
.20				5	10	14	20	25	30	35	40	45	50	55	60	65	70	75		.20
.21					9	13	19	24	29	34	39	44	49	54	59	64	69	74	79	.21
.22						12	18	23	28	33	38	43	48	53	58	63	68	73	78	.22
.23						11	17	22	27	32	37	42	47	52	57	62	67	72	77	.23
.24						10	16	21	26	31	36	41	46	51	56	61	66	71	76	.24
.25							15	20	25	30	35	40	45	50	55	60	65	70	75	.25
.26								19	24	29	34	39	43	49	54	59	64	69	74	.26
.27								18	23	28	33	38	42	48	53	58	63	68	73	.27
.28									22	27	32	37	41	47	52	57	62	67	72	.28
.29									21	26	31	36	40	46	51	56	61	66	71	.29
.30									20	25	30	35	39	45	50	55	60	65	70	.30
.31										24	29	34	38	44	49	54	59	64	69	.31
.32										23	28	33	37	43	48	53	58	63	68	.32
.33										22	27	32	36	42	47	52	57	62	67	.33
.34											26	31	35	41	46	51	56	61	66	.34
.35											25	30	34	40	45	50	55	60	65	.35
.36											24	29	33	39	44	49	54	59	64	.36
.37											23	28	32	38	43	48	53	58	63	.37
.38											22	27	31	37	42	47	52	57	62	.38
.39											21	26	30	36	41	46	51	56	61	.39
.40											20	25	29	35	40	45	50	55	60	.40
.41												24	28	34	39	44	49	54	59	.41
.42												23	27	33	38	43	48	53	58	.42
.43												22	26	32	37	42	47	52	57	.43
.44													25	31	36	41	46	51	56	.44
.45													24	30	35	40	45	50	55	.45
.46													23	29	34	39	44	49	54	.46
.47													22	28	33	38	43	48	53	.47
.48													21	27	32	37	42	47	52	.48
.49													20	26	31	36	41	46	51	.49
.50													19	25	30	35	40	45	50	.50
.55													18	20	25	30	35	40	45	.55
.60													17	15	20	25	30	35	40	.60
.65													16	10	15	20	25	30	35	.65
.70													15	5	10	15	20	25	30	.70
.80													14	0	0	5	10	15	20	.80
.99																0	0	0	1	.99

% NITROGEN (FN<sub>2</sub>) →

% NITROGEN (FN<sub>2</sub>) →

NOTE: →  
increments of 5% FO<sub>2</sub>

