

IANTD France

F-304 FABRICATION DES NITROX



Le tableau est basé sur la fabrication des nitrox par la méthode des pressions partielles:

On transfère d'abord l'oxygène pur dans la bouteille

On complète avec de l'air sur-filtré jusqu'à la pression finale voulue.

Le tableau donne la pression d'oxygène à mettre initialement dans la bouteille en fonction du pourcentage et de la pression finale

Pression Finale	Nitrox final												
	24%	26%	28%	30%	32%	34%	36%	40%	50%	60%	70%	75%	80%
10 bar	0.4	0.6	0.9	1.1	1.4	1.6	1.9	2.4	3.7	4.9	6.2	6.8	7.5
15 bar	0.6	0.9	1.3	1.7	2.1	2.5	2.8	3.6	5.5	7.4	9.3	10.3	11.2
20 bar	0.8	1.3	1.8	2.3	2.8	3.3	3.8	4.8	7.3	9.9	12.4	13.7	14.9
25 bar	0.9	1.6	2.2	2.8	3.5	4.1	4.7	6.0	9.2	12.3	15.5	17.1	18.7
30 bar	1.1	1.9	2.7	3.4	4.2	4.9	5.7	7.2	11.0	14.8	18.6	20.5	22.4
35 bar	1.3	2.2	3.1	4.0	4.9	5.8	6.6	8.4	12.8	17.3	21.7	23.9	26.1
40 bar	1.5	2.5	3.5	4.6	5.6	6.6	7.6	9.6	14.7	19.7	24.8	27.3	29.9
45 bar	1.7	2.8	4.0	5.1	6.3	7.4	8.5	10.8	16.5	22.2	27.9	30.8	33.6
50 bar	1.9	3.2	4.4	5.7	7.0	8.2	9.5	12.0	18.4	24.7	31.0	34.2	37.3
55 bar	2.1	3.5	4.9	6.3	7.7	9.1	10.4	13.2	20.2	27.2	34.1	37.6	41.1
60 bar	2.3	3.8	5.3	6.8	8.4	9.9	11.4	14.4	22.0	29.6	37.2	41.0	44.8
65 bar	2.5	4.1	5.8	7.4	9.1	10.7	12.3	15.6	23.9	32.1	40.3	44.4	48.5
70 bar	2.7	4.4	6.2	8.0	9.7	11.5	13.3	16.8	25.7	34.6	43.4	47.8	52.3
75 bar	2.8	4.7	6.6	8.5	10.4	12.3	14.2	18.0	27.5	37.0	46.5	51.3	56.0
80 bar	3.0	5.1	7.1	9.1	11.1	13.2	15.2	19.2	29.4	39.5	49.6	54.7	59.7
85 bar	3.2	5.4	7.5	9.7	11.8	14.0	16.1	20.4	31.2	42.0	52.7	58.1	63.5
90 bar	3.4	5.7	8.0	10.3	12.5	14.8	17.1	21.6	33.0	44.4	55.8	61.5	67.2
95 bar	3.6	6.0	8.4	10.8	13.2	15.6	18.0	22.8	34.9	46.9	58.9	64.9	70.9
100 bar	3.8	6.3	8.9	11.4	13.9	16.5	19.0	24.1	36.7	49.4	62.0	68.4	74.7
105 bar	4.0	6.6	9.3	12.0	14.6	17.3	19.9	25.3	38.5	51.8	65.1	71.8	78.4
110 bar	4.2	7.0	9.7	12.5	15.3	18.1	20.9	26.5	40.4	54.3	68.2	75.2	82.2
115 bar	4.4	7.3	10.2	13.1	16.0	18.9	21.8	27.7	42.2	56.8	71.3	78.6	85.9
120 bar	4.6	7.6	10.6	13.7	16.7	19.7	22.8	28.9	44.1	59.2	74.4	82.0	89.6
125 bar	4.7	7.9	11.1	14.2	17.4	20.6	23.7	30.1	45.9	61.7	77.5	85.4	93.4
130 bar	4.9	8.2	11.5	14.8	18.1	21.4	24.7	31.3	47.7	64.2	80.6	88.9	97.1
135 bar	5.1	8.5	12.0	15.4	18.8	22.2	25.6	32.5	49.6	66.6	83.7	92.3	100.8
140 bar	5.3	8.9	12.4	15.9	19.5	23.0	26.6	33.7	51.4	69.1	86.8	95.7	104.6
145 bar	5.5	9.2	12.8	16.5	20.2	23.9	27.5	34.9	53.2	71.6	89.9	99.1	108.3
150 bar	5.7	9.5	13.3	17.1	20.9	24.7	28.5	36.1	55.1	74.1	93.0	102.5	112.0
155 bar	5.9	9.8	13.7	17.7	21.6	25.5	29.4	37.3	56.9	76.5	96.1	105.9	115.8
160 bar	6.1	10.1	14.2	18.2	22.3	26.3	30.4	38.5	58.7	79.0	99.2	109.4	119.5
165 bar	6.3	10.4	14.6	18.8	23.0	27.2	31.3	39.7	60.6	81.5	102.3	112.8	123.2