

Product sheet.

Rotameter for oxygen.



Product number: 303520 Supplied without graduated tube.

Graduated tube with pellets

Product number

309472	0.9 to 9.0 kg/h at 6 bar (g)
309473	0.24 to 2.4 kg/h at 6 bar (g)
309374	0.12 to 1.2 kg/h at 6 bar (g)
309471	0.04 to 0.4 kg/h at 6 bar (g)

Spare glass and valve spindle can be supplied.
Maximum operating pressure: 10 bar.

The capacity stated on the rotameter is applicable at 15°C and a pressure of 6 bar. In the case of other pressures, the capacity should be adjusted in accordance with the tables below.

Rotameter tables

When replacing the graduated tube, manually install the protective glass. Check the tightness using a leakage detection spray.

The capacity stated on the rotameter is applicable at 15°C and a pressure of 6 bar. In the case of other pressures, adjust the capacity in accordance with the tables below.

0,4 kg/h

Scale%	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
100	0.214	0.262	0.302	0.338	0.370	0.400	0.428	0.454	0.478	0.501
90	0.192	0.236	0.272	0.304	0.333	0.360	0.385	0.408	0.430	0.451
80	0.171	0.209	0.242	0.270	0.296	0.320	0.342	0.363	0.382	0.401
70	0.150	0.183	0.212	0.237	0.259	0.280	0.299	0.317	0.335	0.351
60	0.128	0.157	0.181	0.203	0.222	0.240	0.257	0.272	0.287	0.301
50	0.107	0.131	0.151	0.169	0.185	0.200	0.214	0.227	0.239	0.251
40	0.086	0.105	0.121	0.135	0.148	0.160	0.171	0.181	0.191	0.201
30	0.064	0.079	0.091	0.101	0.111	0.120	0.128	0.136	0.143	0.150
20	0.043	0.052	0.060	0.068	0.074	0.080	0.086	0.091	0.096	0.100
10	0.021	0.026	0.030	0.034	0.037	0.040	0.043	0.045	0.048	0.050

1,2 kg/h

Scale%	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
100	0.64	0.79	0.91	1.01	1.11	1.20	1.28	1.36	1.43	1.50
90	0.58	0.71	0.82	0.91	1.00	1.08	1.15	1.22	1.29	1.35
80	0.51	0.63	0.73	0.81	0.89	0.96	1.03	1.09	1.15	1.20
70	0.45	0.55	0.63	0.71	0.78	0.84	0.90	0.95	1.00	1.05
60	0.38	0.47	0.54	0.61	0.67	0.72	0.77	0.82	0.86	0.90
50	0.32	0.39	0.45	0.51	0.56	0.60	0.64	0.68	0.72	0.75
40	0.26	0.31	0.36	0.41	0.44	0.48	0.51	0.54	0.57	0.60
30	0.19	0.24	0.27	0.30	0.33	0.36	0.38	0.41	0.43	0.45
20	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.27	0.29	0.30
10	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.14	0.15

2,4 kg/h

Scale%	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
100	1.28	1.57	1.81	2.03	2.22	2.40	2.57	2.72	2.87	3.01
90	1.15	1.41	1.63	1.83	2.00	2.16	2.31	2.45	2.58	2.71
80	1.03	1.26	1.45	1.62	1.78	1.92	2.05	2.18	2.29	2.41
70	0.90	1.10	1.27	1.42	1.56	1.68	1.80	1.90	2.01	2.11
60	0.77	0.94	1.09	1.22	1.33	1.44	1.54	1.63	1.72	1.81
50	0.64	0.79	0.91	1.01	1.11	1.20	1.28	1.36	1.43	1.50
40	0.51	0.63	0.73	0.81	0.89	0.96	1.03	1.09	1.15	1.20
30	0.38	0.47	0.54	0.61	0.67	0.72	0.77	0.82	0.86	0.90
20	0.26	0.31	0.36	0.41	0.44	0.48	0.51	0.54	0.57	0.60
10	0.13	0.16	0.18	0.20	0.22	0.24	0.26	0.27	0.29	0.30

9 kg/h

Scale%	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
100	4.81	5.89	6.80	7.61	8.33	9.00	9.62	10.21	10.76	11.28
90	4.33	5.30	6.12	6.85	7.50	8.10	8.66	9.18	9.68	10.15
80	3.85	4.71	5.44	6.09	6.67	7.20	7.70	8.16	8.61	9.03
70	3.37	4.12	4.76	5.32	5.83	6.30	6.73	7.14	7.53	7.90
60	2.89	3.54	4.08	4.56	5.00	5.40	5.77	6.12	6.45	6.77
50	2.41	2.95	3.40	3.80	4.17	4.50	4.81	5.10	5.38	5.64
40	1.92	2.36	2.72	3.04	3.33	3.60	3.85	4.08	4.30	4.51
30	1.44	1.77	2.04	2.28	2.50	2.70	2.89	3.06	3.23	3.38
20	0.96	1.18	1.36	1.52	1.67	1.80	1.92	2.04	2.15	2.26
10	0.48	0.59	0.68	0.76	0.83	0.90	0.96	1.02	1.08	1.13

- When replacing the graduated tube, manually install the protective glass. Check the tightness using a leakage detection spray
- The volume of oxygen dosed can be read as a percentage on top of the pellet or as shown on the graduated tube
- The rotameter has an accuracy of +/- 10% of the registered value