



Leaks Masters

In order to meet the requirements of the quality control, it is advisable to use Leaks masters in order to regularly check in a simple and fast way, the good functioning of the means of control.

At a given pressure, a leak master certifies a precise leakage rate. By inserting this known leak into the test circuit, it is then easy to check the entire control device and closure mechanics.

Use & precaution of use:

- △ Leaks masters are to be inserted into the measuring circuit on the quick connector on the front of the leak tester.
- △ To ensure the longevity of these leaks, they must be handled with care (avoid shocks) and stored in their wooden box.
- △ The quality of the air used must follow the standard **ISO 8573-1**



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Leak & Flow Units

$$1 \text{ cm}^3/\text{min} = 60 \text{ cm}^3/\text{h}$$

$$1000 \text{ cm}^3/\text{min} = 1 \text{ l/min} = 60 \text{ l/h}$$

$$1 \text{ cm}^3 = 1 \text{ ml}$$

$$10 \text{ mm}^3/\text{s} = 0,6 \text{ cm}^3/\text{min}$$

$$1 \cdot 10^{-2} \text{ mbar.l/s} = 0,6 \text{ cm}^3/\text{min}$$

Types of Leak Test Pressure	Standard leakage values(±20%)*							cm ³ /min			L/min			
	A0	A1	A	B	C	D	E	F	G	H	I	K	M	N
20 mbar							0,124	0,260	0,920	2,70	2,83	5,44	61,9	150,0
50 mbar						0,130	0,315	0,673	2,30	6,62	6,88	13,82	152,4	365
100 mbar					0,139	0,271	0,658	1,380	4,59	13,15	13,87	29,4	300	691
150 mbar				0,102	0,211	0,419	1,006	2,11	6,81	20,0	21,8	45,0	443	990
200 mbar				0,141	0,286	0,569	1,371	2,86	9,03	26,2	29,5	61,2	582	1273
300 mbar			0,089	0,219	0,446	0,887	2,14	4,46	13,46	39,0	46,0	95,0	852	1825
500 mbar		0,096	0,157	0,389	0,794	1,588	3,83	8,00	22,7	63,5	82,3	212	1383	2,69
1 bar		0,223	0,356	0,901	1,845	3,72	9,15	18,64	46,4	124,0	193,0	380	2,57	4,92
2 bar		0,560	0,887	2,28	4,66	9,49	23,3	64,0	99,0	246	483	884	5,00	9,01
3 bar	0,135	0,999	1,591	4,07	8,44	17,21	41,4	82,2	156,3	374	844	1470	7,31	13,02
4 bar	0,210	1,553	2,46	6,31	13,30	27,2	62,6	121,4	218	502	1257	2,09	9,88	16,44
5 bar	0,297	2,21	3,50	8,97	19,35	38,7	86,3	164,4	283	634	1720	2,75	12,38	20,19
8 bar	0,640	4,77	7,68	19,34	42,4	81,3	167,6	310	491	1052	3,20	4,86	18,74	33,73
10 bar	0,930	6,94	11,23	28,2	61,7	114,5	227	413	636	1341	4,28	6,15		

* For production requirements, the exact value of the leakage rate can only be indicated on the certificate when delivered. If the desired value does not correspond to the standard values, special standard leaks can be manufactured.



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