



Application	The CETA standard leak can be used for the quick and comfortable monitoring of the CETA leak detectors according to the documents of quality assurance. At a selected pressure this calibration device has a defined flow (ml/min). By connecting the standard leak to the measuring circuit of the leak tester a determined leak can be simulated. This procedure enables the check of the correct adjustment of the test equipment and/or the entire test system including the adapter fixture within seconds. The CETA standard leak is supplied with a calibration certificate.
Material	The leak consists of a porous sintered precision metal. According to the quality controlled manufacturing the standard leaks show a constant flow.
Standard leaks and customized leaks	On the reverse side of this data sheet an excerpt of the available CETA standard leaks is listed. If the necessary flow value is not found in the CETA standard table, a customized leak can be manufactured. Special version for pressure rise test with double Stäubli connections in the front panel of the CETA leak tester.
Connection	The standard leak can be connected directly to standard leak receptacle of the CETA leak detector or can be connected to the adapter fixture.
Type of connection	<p><u>Pressure inlet:</u> Stäubli plug nipple RBE 03</p> <p><u>Pressure outlet:</u> ¼ -inch outside thread Stäubli plug nipple RBE 03 (version pressure rise)</p>
Maintenance recommendation	The CETA standard leak has to be calibrated at regular intervals. This calibration (with certificate) can be done by the CETA service.
Advice	The leak is designed for the use with clean and dry compressed air.
Included in delivery	Standard leak, calibration certificate, storage case
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Table of available standard leaks (excerpt)

Pressure / bar	-0,5	-0,1	0,02	0,05	0,1	0,5	1	2	3	4	5	6	7	8	9	10
Standard Leak (type) TL 1	-	-	-	-	-	0,02	0,04	0,10	0,15	0,25	0,30	0,45	0,55	0,70	0,85	1,10
TL 2	-	-	-	-	0,02	0,15	0,33	0,87	1,6	2,5	3,7	4,8	6,3	7,9	9,8	11,2
TL 3	-	-	-	0,03	0,07	0,40	0,93	2,4	4,3	6,8	9,5	13	15	20	23	27
TL 4	0,5	0,12	0,02	0,07	0,15	0,8	1,8	4,5	7,9	13,5	18	24	31	40	45	52
TL 5	1,1	0,23	0,05	0,10	0,25	1,5	3,5	9,5	16,5	26	34	45	57	68	82	96
TL 6	2,4	0,63	0,12	0,3	0,6	3,7	8,6	21	38	58	79	102	127	154	180	210
TL 7	4,8	1,15	0,3	0,65	1,3	7,5	17	45	77	115	158	202	250	300	320	370
TL 8	10,5	2,7	0,6	1,4	2,8	17	38	91	156	227	305	390	470	560	590	670
TL 8a	24	6	1,2	3,2	6,5	38	93	230	420	630	890	1170	1450	1750	2050	2400
TL 9	46	11,5	2,5	6,4	13	74	173	440	790	1200	1600	2100	2600	3100	-	-
TL 10	107	28	5,9	15,5	31	185	400	880	1400	2000	2600	3200	3800	4500	-	-

All flow values are specified in **ml/min** (pressure outlet direction). The pressure values are specified as negative resp. positive gage pressures.

Due to production reasons, the exact flow value is determined at the time of time of delivery. It can deviate up to +/- 25% from the value listed in the standard table of standard leaks.

In case the necessary value is not listed in the CETA standard leak table, a customized leak can be manufactured.

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