



Application	<p>The CETA master jet is used for a quick and comfortable monitoring of the CETA flow testers (series CETA 900) according to the documents of quality assurance. An exactly defined flow combined with a pre-selected pressure is the characteristic of this calibration device.</p> <p>The CETA master jets have higher flows than the CETA standard leaks, used for the test of the CETA leak detectors.</p>
Material	The master jet contains a ruby with a precision drill hole.
Standard master jets	On the reverse side of this data sheet an excerpt of the available CETA master jets is listed. If the necessary flow value is not found in the CETA standard table, a customized master jet can be manufactured.
Connection	The master jet is connected instead of the test part.
Type of connection	<p><u>Pressure inlet:</u> fitting for polyamid tube (6 x 1 mm for Master Jet TD 1 to TD 4, 8 x 1 mm for Master Jet TD 5 to TD 8, 10 x 1 mm for Master Jet TD 10 to TD 14)</p> <p><u>Pressure outlet:</u> 5 x 1 mm fitting</p>
Advice	The master jet is designed for the use with clean and dry compressed air.
Recommendation of Maintenance	The CETA master jet has to be calibrated in regular intervals. This calibration (with certificate) can be done by the CETA service.
Included in delivery	Master jet, calibration certificate, storage case

<p>CETA Testsysteme GmbH Marie-Curie-Straße 35-37 40721 Hilden - Germany -</p>	<p>Tel.: +49 (0) 2103 / 2471 - 75 Fax: +49 (0) 2103 / 2471 - 76 E-mail: sales@cetatest.com Internet: www.cetatest.com</p>
---	--



Table of available standard master jets (excerpt)

pressure / bar	0,02	0,05	0,1	0,5	1	2	3	4	5	6	7	8	
Master jet (Type)	TD 1	9,6	16,5	25	59	87	137	182	230	278	322	373	420
	TD 2	18,8	31,7	47	112	164	253	338	427	510	600	685	772
	TD 3	50	82	120	280	400	610	810	1020	1240	1440	1650	1850
	TD 4	84	137	197	460	660	1000	1360	1700	2030	2370	2700	3030
	TD 5	138	225	330	740	1050	1610	2140	2670	3190	3730	4260	4660
	TD 6	200	330	490	1040	1510	2280	3020	3760	4500	5240	5970	6700
	TD 7	280	470	690	1510	2140	3200	4250	5310	6350	7420	8490	9560
	TD 8	380	640	940	1970	2750	4130	5480	6840	8170	9520	10800	11800

The flow values are indicated in **ml/min** for the master jet types TD 1 up to TD 8.

pressure / bar	0,02	0,05	0,1	0,5	1	2	3	4	5	6	7	8	9	10	
Master jet (Type)	TD 10	0,8	1,5	2,1	4,45	6	9,6	12	14,3	18,2	20,98	24,4	27,3	30	32,6
	TD 11	1,14	1,97	2,73	5,7	8	12	16,22	20	24,8	28,57	33,7	36,14	41,1	48,4
	TD 12	1,46	2,24	3,33	7,06	10,17	15,38	20,27	25,42	30,3	34,88	40	44,78	50,85	54,54
	TD 13	1,94	3,39	4,8	10	12,63	19,78	27,69	34,1	40,54	47,62	51,72	61,22	68,18	69,77
	TD 14	2,22	4	5,45	11,76	16,07	24,65	32,73	41,67	46,87	57,69	65,22	75	85,7	90,9

The flow values are indicated in **l/min** for the master jet types TD 10 up to TD 14.

The pressure values are specified as positive gage pressures.

Master jets for negative gage pressures are available upon request.

Due to production reasons the exact flow value is determined at the time of delivery. It can deviate up to +/-10 % from the value listed in the standard master jet table.

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

CETA Testsysteme GmbH
Marie-Curie-Straße 35-37
40721 Hilden
- Germany -

Tel.: +49 (0) 2103 / 2471 - 75
 Fax: +49 (0) 2103 / 2471 - 76
 E-mail: sales@cetatest.com
 Internet: www.cetatest.com