

Certificate of Calibration

Data Type: FOUND-LEFT

Certificate No: 2004667

Instrument	Description	CABLE ANALYZER
	Manufacturer	FLUKE NETWORKS
	Model	DTX-1800
	Serial Number	1115013-1115014
	Inventory Number	-

Customer	Name	ASSMANN DISTRIBUTION SP. Z O.O.
	City	WROCLAW
	Site Number	4523666

Order Number	RMA Number	606190461
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Environmental Conditions	Temperature within	(23.0 ± 3.0) °C
	Humidity within	(45 ± 20) %rh

Calibration Procedure	Excel Certificate and traceability procedure (3.20)
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Results	The instrument meets the manufacturers published specifications at all points measured. The results of the measurements are shown on page 3 through 5.
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Date of Calibration	04 Jan 2018
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Issue date: 04 Jan 2018

Date of Recalibration	04 Jan 2019
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Place of Calibration	Son en Breugel
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Tested by	W.H.J. van Hulten
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G.J.J. Sprik
Head of laboratory

This calibration is performed by a DEKRA certified lab for ISO 9001:2008. All measurements are traceable to national and/or international standards or have been derived by approved ratio techniques. When possible standards used for this calibration are ISO/IEC 17025:2005 accredited calibrated. This certificate may not be reproduced other than in full. Calibration certificates without signature are not valid.

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Remarks

- The data type found in this certificate on the top of each page must be interpreted as:
 - As-Found : Calibration data collected before the unit is adjusted and / or repaired
 - As-Left : Calibration data collected after the unit has been adjusted and / or repaired
 - Found-Left : Calibration data collected without any adjustment and / or repair performed

- If the unit under test is used under rough conditions we recommend to decrease the calibration interval period, the calibration interval (due date) is the responsibility of the end user;

- According to the European norm 'Operation of electrical installations' NEN-EN 50110-1 release 2005 and the Dutch norm NEN 3140 release 2015 paragraph 5.102.12 through 5.102.16, a safety test is not required. Therefore not performed.

Standards and test-equipment used for this calibration:

Model	Serial No	Inventory No	Due to	Certificate No
DTX ARTIFACT SET	N.A.	WP1065	21 Feb 2018	320557
FTE1895	5745014	WP0758	26 Jan 2019	1726330