



CALIBRATION CERTIFICATE CERTIFICAT DE CALIBRAGE CALIBRATIECERTIFICAAT

No. 90021

Delivered by: SDT International n.v. s.a.
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Concerned Equipment Équipement concerné Uitrusting	Serial No. N° série Serienummer	Calibration procedure Procédure de calibrage Calibratieprocedure
SDT270 RECEIVER	273160027	TI.R270.PC.001

The company SDT International certifies that the above-mentioned equipment has been calibrated following the SDT indicated procedure.

La société SDT International certifie que l'équipement mentionné ci-dessus a été calibré selon la procédure SDT indiquée.

De firma SDT International garandeert dat de hierboven vermelde uitrusting volgens de beschreven SDT-procedure werd gecalibreerd.

The accuracy and calibration of this instrument are traceable through reference standards that are compared, at planned intervals, to national or international standards.

La traçabilité du calibrage de cet équipement est assurée par des appareils de référence qui sont comparés, à intervalles programmés, à des étalons nationaux ou internationaux.

De calibratieopvolging van deze uitrusting wordt verzekerd door referentieapparaten die op vastgestelde intervallen worden vergeleken met nationale of internationale ijkwaarden.

SDT International is a ISO9001-2015 certified company by LRQA (certificate no. 10500546).

La société SDT International est certifiée ISO9001-2015 par LRQA (certificat n° 10500546).

De firma SDT International is ISO9001-2015 gecertificeerd door LRQA (certificaatnr. 10500546).

Operator: Léonard Rosseeuw

Date issued: 2025-08-26

CALIBRATION REPORT

No. 90021

Device: SDT270 RECEIVER No. 273160027

Calibration result:

Procedure ref: TI.R270.PC.001

Generator dBμV	Ampli SDT270 dBμV	Reading values SDT270 dBμV *		Limit values dBμV	
		Before intervention	After intervention	Min.	Max.
20	80	20.1	20.1	19.5	20.5
30	70	30.1	30.1	29.5	30.5
40	60	40.1	40.1	39.5	40.5
50	50	50.0	50.0	49.5	50.5
60	40	60.0	60.0	59.5	60.5
70	30	70.0	70.0	69.5	70.5
80	20	79.9	79.9	79.5	80.5
90	10	89.9	89.9	89.5	90.5

* measurement uncertainty +/- 1 dB

Functional test result:

Tested item	Result	Tested item *	Result
Black Lemo connector	OK	Power supply plug	OK
Red Lemo connector	OK	Headset plug	OK
USB Connection	OK	Backlight	OK
		Keyboard	OK
		Internal sensor	OK
		Temperature measurement	OK
		RPM measurement	OK

* manually tested by operator

Condition of test:

Frequency	Ambient temperature	Relative humidity
39.6 KHz	23 ±5 °C	0 - 80%

Conclusion:

Corresponding to the maximum allowed deviations: YES

Generated on: 2025-08-26 by: Léonard Rosseeuw

Checking and calibration reference instruments:

Sinutest SDT No. 109240007

Calibrated on 2025-01-06. Due date 2026-01-06

Multimeter Keithley Type 2000 No. 1268134

Calibrated on 2025-03-12. Due date 2026-03-12

Extract of **DC.QUAL.005**

The text regarding “recommended calibration intervals” is available in English, Dutch, French, German, Italian and Spanish.

The following is the English version:

SDT recommends annual recalibration of SDT instruments and annual verification of sensors to benefit from its **limited lifetime warranty**.

This periodicity is coherent with the observed long-term stability of SDT electronic equipment's.

However:

- For new equipment leaving the factory the initial period is extended to 15 months instead of 12 (to avoid any possible discrimination between users due to transportation time, customs clearance, etc.)
- SDT recognizes that each customer may have their own Quality Assurance Standards and internal requirements. If a customer has established a Quality Assurance Program that includes a documented procedure for measurement deviations, and if an instrument and the relevant sensor show acceptable deviations and do not show signs of physical damage, then calibration periodicity could be extended to two years.
- Third party organizations having more authority (Class, or State Administrations) may have defined their own regulations for example 6 months, or 2 years calibration interval: by evidence, local legally applicable regulations supersede SDT rules.

For these reasons, SDT Calibration Certificates do no more mention a “calibration due date”, but simply the “last calibration date”.

For user convenience, the date of the last calibration of an SDT200, SDT270 or SDT LUBExpert instruments can also be found in the menu screens.

Note! Only the users of SDT200, SDT270, SDT LUBExpert, SDT340, SDT Checkers range, SDT T-Sonic1 and SDT T-Sonic9 can benefit from limited lifetime warranty.

Document Overview

Calibration certificate – Certificat de calibrage – Calibratiecertificaat

Concerned Equipment Équipement concerné Uitrusting	Serial No. N° série Serienummer	Calibration procedure Procédure de calibrage Calibratieprocedure	Document No. N° document Documentnr.
SDT270 RECEIVER	273160027	TI.R270.PC.001--10--	90021

Checking report – Constat de vérification – Controlerapport

Concerned Equipment Équipement concerné Uitrusting	Serial No. N° série Serienummer	Checking procedure Procédure de test Testprocedure	Document No. N° document Documentnr.
REMOVABLE FLEXSENSOR	B160008	TI.FLEXID1.PC.001--10--	R250593-02
TANK-TEST SENSORS TYPE TTS2 [R270]	114160019 — 014160002	TI.TTS2.PC.001--05--	R250593-03

Good working certificate – Certificat de bon fonctionnement – Certificaat van goede werking

Concerned Equipment Équipement concerné Uitrusting	Serial No. N° série Serienummer	Checking procedure Procédure de test Testprocedure	Document No. N° document Documentnr.
BATTERY CHARGER UNIVERSAL	027160383		R250593-01
FLEXIBLE ROD	001151204	TI.FLEXID1.PC.001--10--	R250593-01

The company SDT International certifies that the above-mentioned equipment has been calibrated and checked following the SDT indicated procedure.

La société SDT International certifie que l'équipement mentionné ci-dessus a été calibré et vérifié selon la procédure SDT indiquée.

De firma SDT International garandeert dat de hierboven vermelde uitrusting volgens de beschreven SDT-procedure werd gecalibreerd en gecontroleerd.

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Operator: Léonard Rosseeuw

Date issued: 2025-08-26



CHECKING REPORT CONSTAT DE VERIFICATION CONTROLLERAPPORT

No. R250593-02

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Concerned Equipment Équipement concerné	Serial No. N° série	Checking procedure Procédure de test
REMOVABLE FLEXSENSOR	B160008	TI.FLEXID1.PC.001--10-

The company SDT International certifies that the above-mentioned equipment has been checked following the SDT indicated procedure.

La société SDT International certifie que l'équipement mentionné ci-dessus a été vérifié selon la procédure SDT indiquée.

De firma SDT International garandeert dat de hierboven vermelde uitrusting volgens de beschreven SDT-procedure werd gecontroleerd.

The accuracy of this check is traceable through reference standards that are compared, at planned intervals, to national or international standards.

La conformité de cette vérification est assurée par des appareils de référence qui sont comparés, à intervalles programmés, à des normes nationales ou internationales.

De juistheid van deze controle wordt verzekerd door referentieapparaten die op vastgestelde intervallen worden vergeleken met nationale of internationale ijkwaarden.

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Operator: Léonard Rosseeuw

Date issued: 2025-08-26



CHECKING REPORT

No. R250593-02

Device: REMOVABLE FLEXSENSOR

Test result:

Procedure ref: TI.FLEXID1.PC.001--10--

	Sensor No.	Reading values dB μ V *	Limit values dB μ V	
			Min.	Max.
Before intervention:	B160008	77,1	70	82
After intervention:	B160008	77,1		

* measurement uncertainty +/- 1 dB

Conclusion:

Corresponding to the maximum allowed deviations: **YES**

Generated on: 2025-08-26 **by:** Léonard Rosseeuw



Calibration reference instruments:

Multimeter Keithley 2000 No. 1268135

Calibrated on 2025-02-25 Due date 2026-02-24

CHECKING REPORT CONSTAT DE VERIFICATION CONTROLLERAPPORT

No. R250593-03

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Concerned Equipment Équipement concerné	Serial No. N° série	Checking procedure Procédure de test
TANK-TEST SENSORS TYPE TTS2 [R270]	114160019 — 014160002	TI.TTS2.PC.001--05--

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De firma SDT International garandeert dat de hierboven vermelde uitrusting volgens de beschreven SDT-procedure werd gecontroleerd.

The accuracy of this check is traceable through reference standards that are compared, at planned intervals, to national or international standards.

La conformité de cette vérification est assurée par des appareils de référence qui sont comparés, à intervalles programmés, à des normes nationales ou internationales.

De juistheid van deze controle wordt verzekerd door referentieapparaten die op vastgestelde intervallen worden vergeleken met nationale of internationale ijkwaarden.

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Operator: Léonard Rosseeuw

Date issued: 2025-08-26



CHECKING REPORT

No. R250593-03

Device: TANK-TEST SENSORS TYPE TTS2 [R270]

Test result:

Procedure ref: TI.TTS2.PC.001--05--

Sensor No.	Signal type	Reading values SDT270 dB μ V *		Limit values dB μ V	
		Before intervention	After intervention	Min.	Max.
114160019	Background noise	-3,6	-3,6	N/A	0
	Gain	19,6	19,6	15	N/A
014160002	Background noise	-3,6	-3,6	N/A	0
	Gain	50,5	50,5	42	N/A

* measurement uncertainty +/- 1 dB

Conclusion:

Corresponding to the maximum allowed deviations: **YES**

Generated on: 2025-08-26 **by:** Léonard Rosseeuw



Checking and calibration instruments:

SDT270 No. QC150 - 270140046

Calibrated on 2025-05-21 Due date 2026-05-20

Calibration reference instruments:

Microphone B&K Type 4939 No. 2716493

Calibrated on 2025-02-03 Due date 2026-02-02

GOOD WORKING CERTIFICATE CERTIFICAT DE BON FONCTIONNEMENT CERTIFICAAT VAN GOEDE WERKING

No. R250593-01

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Concerned Equipment Équipement concerné Uitrusting	Serial No. N° série Serienummer	Checking procedure Procédure de test Testprocedure
BATTERY CHARGER UNIVERSAL	027160383	
FLEXIBLE ROD	001151204	TI.FLEXID1.PC.001--10- -

The company SDT International certifies that the above-mentioned equipment has been tested following the SDT indicated procedure.

La société SDT International certifie que l'équipement mentionné ci-dessus a été testé selon la procédure SDT indiquée.

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