



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Calibration Laboratory

DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Central Address: Y.AYAZMA SK.YILDIZ S ST.18/62-66-67-73-76 No:80/104 ZEYTİNBURNU/İSTANBUL İstanbul / Türkiye

is accredited in accordance with TS EN ISO/IEC 17025:2017 standard within the scope given in Annex following the assessment conducted by TURKAK.

Accreditation Number : AB-0052-K

Accreditation Date : 31.12.2008

Revision Date / Number : 29.05.2025 / 14


This certificate shall remain in force until **01.08.2029**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2017**, related regulations and requirements.

Gülden Banu Müderrisoğlu
Secretary General



Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

 Calibration TS EN ISO/IEC 17025 AB-0052-K	DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ			
	Accreditation Nr: AB-0052-K Revision Nr: 14 Date: 29.05.2025			
	Calibration Laboratory			
Address : Y.AYAZMA SK.YILDIZ S ST.18/62-66-67-73-76 No:80/104 ZEYTİNBURNU/ İSTANBUL İstanbul / Türkiye		Phone : +90 212 482 0988 Fax : - Email : devotrans@devotans.com Website : www.dvtlab.com		
Calibration and Measurement Capability (CMC)				
Material Testing Machines				
Measured Quantity / Calibrated Items	Range	Measurement Conditions	Expanded Measurement Uncertainty (k=2)	Remarks / Calibration Method
Material Testing Machines Tensile / Compression Testing Machine	$1 \text{ N} \leq F \leq 500 \text{ N}$	Sprung mass set with tension and compression	% 0,10	F: Applied force (N) • Calibration at the customer's premises
Material Testing Machines Tensile / Compression Testing Machine	$100 \text{ N} \leq F \leq 450 \text{ kN}$	Tension and compression with Class 1 load cell	% 0,32	F: Applied force (N) Prepared calibration procedure in accordance with TS EN ISO 7500-1 • Calibration at the customer's premises
Extensometer	$0,5 \text{ mm} \leq L \leq 300 \text{ mm}$	Extensometer Calibrator	$(1,3 + 1,2 \cdot L) \mu\text{m}$	L : Measured Value (m) Prepared calibration procedure in accordance with TS EN ISO 9513 and ASTM E83 Standards • Calibration at the customer's premises

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.





DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Accreditation Nr: AB-0052-K
Revision Nr: 14 Date: 29.05.2025

Calibration and Measurement Capability (CMC)

Pressure

Measured Quantity / Calibrated Items	Range	Measurement Conditions	Expanded Measurement Uncertainty (k=2)	Remarks / Calibration Method
Relative Pressure Analog Manometer Digital Manometer	10 kPa ≤ p ≤ 2,5 MPa	Pneumatic • If the ambient conditions differ from (20 ± 2)°C in the on-site calibrations the ambient calibration regulation is made	7 kPa	p : Relative Pressure, (Pa) Calibration procedure prepared in accordance with the EURAMET/cg-17 Guidelines of Electromechanical and Mechanical Manometers • In customer place • In the laboratory calibration is made.
Relative Pressure Analog Manometer Digital Manometer	2,5 MPa < p ≤ 10 MPa	Hydraulic • If the ambient conditions differ from (20 ± 2)°C in the on-site calibrations the ambient calibration regulation is made	25 kPa	p : Relative Pressure, (Pa) Calibration procedure prepared in accordance with the EURAMET/cg-17 Guidelines of Electromechanical and Mechanical Manometers • In customer place • In the laboratory calibration is made.
Relative Pressure Analog Manometer Digital Manometer	10 MPa < p ≤ 20 MPa	Hydraulic • If the ambient conditions differ from (20 ± 2)°C in the on-site calibrations the ambient calibration regulation is made	40 kPa	p : Relative Pressure, (Pa) Calibration procedure prepared in accordance with the EURAMET/cg-17 Guidelines of Electromechanical and Mechanical Manometers • In customer place • In the laboratory calibration is made.
Relative Pressure Analog Manometer Digital Manometer	10 MPa < p ≤ 30 MPa	Hydraulic • If the ambient conditions differ from (20 ± 2)°C in the on-site calibrations the ambient calibration regulation is made	75 kPa	p : Relative Pressure, (Pa) Calibration procedure prepared in accordance with the EURAMET/cg-17 Guidelines of Electromechanical and Mechanical Manometers • In customer place • In the laboratory calibration is made.

This document has been signed by Gülден Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.



 <p>Calibration TS EN ISO/IEC 17025 AB-0052-K</p>	<p>DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ</p> <p>Accreditation Nr: AB-0052-K Revision Nr: 14 Date: 29.05.2025</p>
--	---

Calibration and Measurement Capability (CMC)				
Weighing Tools				
Measured Quantity / Calibrated Items	Range	Measurement Conditions	Expanded Measurement Uncertainty (k=2)	Remarks / Calibration Method
Non - Automatic Weight Instruments Balance	$m \leq 500 \text{ g}$	E2 Class weight set	$2,5 \cdot 10^{-6}$	<p><i>m</i>: scale capacity, g</p> <p>Calibration procedure prepared in accordance with the EURAMET/cg-18</p> <ul style="list-style-type: none">In customer place calibration is made.
Non - Automatic Weight Instruments Balance	$m \leq 10000 \text{ g}$	F1 Class weight set	$1 \cdot 10^{-5}$	<p><i>m</i>: scale capacity, g</p> <p>Calibration procedure prepared in accordance with the EURAMET/cg-18</p> <ul style="list-style-type: none">In customer place calibration is made.

This document has been signed by Gülден Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.





DEVOTRANS ELEKTRİK MAKİNELERİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Accreditation Nr: AB-0052-K
Revision Nr: 14 Date: 29.05.2025

Calibration and Measurement Capability (CMC)

Temperature

Measured Quantity / Calibrated Items	Range	Measurement Conditions	Expanded Measurement Uncertainty (k=2)	Remarks / Calibration Method
Controlled Volumes (Temperature Distribution) Oven Incubator Cold Room (Deep Freezer etc.) Climate Chamber Sterilizer (Autoclave) Liquid Bath	$-40^{\circ}\text{C} \leq T < 0^{\circ}\text{C}$	Reference Datalogger	1,3 °C	According to Euramet cg-20, TS EN 60068-3-5, TS EN 60068-3-11, DKD-R 5-7 Guidance Documents with Portable Calibration System T: Measured Temperature • In customer place calibration is made
Controlled Volumes (Temperature Distribution) Oven Incubator Cold Room (Deep Freezer etc.) Climate Chamber Sterilizer (Autoclave) Liquid Bath	$0^{\circ}\text{C} \leq T \leq 150^{\circ}\text{C}$	Reference Datalogger	1 °C	According to Euramet cg-20, DKD-R 5-7 Guidance Documents with Portable Calibration System T: Measured Temperature • In customer place calibration is made
Controlled Volumes (Temperature Distribution) Oven Incubator Cold Room (Deep Freezer etc.) Climate Chamber Sterilizer (Autoclave) Liquid Bath	$150^{\circ}\text{C} < T \leq 250^{\circ}\text{C}$	Reference Datalogger	1,2 °C	According to Euramet cg-20, DKD-R 5-7 Guidance Documents with Portable Calibration System T: Measured Temperature • In customer place calibration is made

This document has been signed by Gülden Banu Müderrisoğlu with a secure electronic signature in accordance with the electronic signature law numbered 5070. Use the QR code to verify the e-signed document.

