



TURKISH ACCREDITATION AGENCY

## ACCREDITATION CERTIFICATE

As a Testing Laboratory

### BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

Central Address: AOSB MAH. 10032 SK. No:16/ ÇİĞLİ/İZMİR İzmir / Türkiye

*\*The list of the branches operating under the same accreditation depending on the central address and the scope of these branches are given in the annexes.*

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-0177-T**

**Accreditation Date : 05.03.2008**

**Revision Date / Number : 22.05.2025 / 19**

This certificate shall remain in force until **05.03.2028**, 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.*

 Türk Akkreditasyon Kurumu TS EN ISO/IEC 17025 AB-0177-T	<b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ</b>	
	Accreditation Nr: AB-0177-T Revision Nr: 19 Date: 22.05.2025	
<b>Testing Laboratory</b>		
Address : AOSB MAH. 10032 SK. No:16/ ÇİĞLI/İZMİR İzmir / Türkiye		Phone : +90 232 497 9700 Fax : - Email : e.demiralp@baylanwatermeters.com Website : www.baylanwatermeters.com / https://www.baylanelektrik.com/

Meters		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Dry Heat Test (Non-Condensing)	EN ISO 4064-2 Article 8.2 OIML 49-2 Article 8.2 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.1 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Cold Test	EN ISO 4064-2 Article 8.3 OIML 49-2 Article 8.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.2 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Damp Heat, Cyclic (Condensing) Test	EN ISO 4064-2 Article 8.4 OIML 49-2 Article 8.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.3 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Flow Disturbance Tests	EN ISO 4064-2 Article 7.10 OIML 49-2 Article 7.10 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.9 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)




## Accreditation Scope

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Cold and Hot Water Meters Flow Meter (DN 15-50)	Determination of Intrinsic Errors (of indication) Test	EN ISO 4064-2 Article 7.4 OIML 49-2 Article 7.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 2 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.3 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Overload Water Temperature Test	EN ISO 4064-2 Article 7.6 OIML 49-2 Article 7.6 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.7 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Water Temperature Test	EN ISO 4064-2 Article 7.5 OIML 49-2 Article 7.5 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.6 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Pressure Loss Test	EN ISO 4064-2 Article 7.9 OIML 49-2 Article 7.9 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 4 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.11 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)




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Cold and Hot Water Meters Flow Meter (DN 15-200)	Static Pressure Test	EN ISO 4064-2 Article 7.3 OIML 49-2 Article 7.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 3 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.2 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC Article 3.3 (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Durability Tests	EN ISO 4064-2 Article 7.11 OIML 49-2 Article 7.11 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 5 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.13 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Absence of Flow Test	EN ISO 4064-2 Article 8.17 OIML 49-2 Article 8.17 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Water Pressure Test	EN ISO 4064-2 Article 7.7 OIML 49-2 Article 7.7 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.8 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)




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Cold and Hot Water Meters Flow Meter (DN 15-50)	Reverse Flow Test	EN ISO 4064-2 Article 7.8 OIML 49-2 Article 7.8 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.12 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Static Magnetic Field Test	EN ISO 4064-2 Article 8.16 OIML 49-2 Article 8.16 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 15-50)	Changes In Power Supply Test (Water Meters Powered By External DC Voltage Or By Primary DC Batteries)	EN ISO 4064-2 Article 8.5.3 OIML 49-2 Article 8.5.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.4.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization) (*This test is performed at the other location for DN50 and above meters.)
Heat Meters (DN 15-50)	Dry Heat Test	TS EN 1434-4 Article 7.5 OIML R75-2 Article 6.5 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Cold and Hot Water Meters Flow Meter (DN 15-50)	Changes In Power Supply Test (Interruption In Battery Supply)	EN ISO 4064-2 Article 8.5.4 OIML 49-2 Article 8.5.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Heat Meters (DN 15-50)	Cold Test	TS EN 1434-4 Article 7.6 OIML R75-2 Article 6.6 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004




## Accreditation Scope

 <p><b>TÜRKAK</b></p> <p>Test TS EN ISO/IEC 17025 AB-0177-T</p>	<b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ</b>	
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Cold and Hot Water Meters Flow Meter (DN 15-50)	Electrostatic Discharge Test	EN ISO 4064-2 Article 8.11 OIML 49-2 Article 8.11 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.3.1 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Heat Meters (DN 15-50)	Durability Test	TS EN 1434-4 Article 7.8 OIML R75-2 Article 6.8 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Static Deviations In Supply Voltage Test	TS EN 1434-4 Article 7.7 OIML R75-2 Article 6.7 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Performance Test	TS EN 1434-4 Article 7.4 OIML R75-2 Article 6.4 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Electrostatic Discharge Test	TS EN 1434-4 Article 7.15 OIML R75-2 Article 6.13 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Damp Heat Cyclic Test	TS EN 1434-4 Article 7.9 OIML R75-2 Article 6.9 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Flow Disturbances Test	TS EN 1434-4 Article 7.22 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Internal Pressure Test	TS EN 1434-4 Article 7.18 OIML R75-2 Article 6.16 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004



## Accreditation Scope

 <p><b>TÜRKAK</b></p> <p>Test TS EN ISO/IEC 17025 AB-0177-T</p>	<b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ</b>	
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Heat Meters (DN 15-50)	Pressure Loss Test	TS EN 1434-4 Article 7.19 OIML R75-2 Article 6.17 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004
Heat Meters (DN 15-50)	Static Magnetic Field Test	TS EN 1434-4 Article 7.16 OIML R75-2 Article 6.14 2004/22/EC MI-004 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-004

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.





**BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ**

Accreditation Nr: AB-0177-T  
Revision Nr: 19 Date: 22.05.2025

**Electrical, Electronic and IT Products and Devices**

Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Electrical Equipments	Degrees of protection provided by enclosures (IP code) Tests (Article 14.2.9 a), Article 14.2.9.b) IPX9 tests not including)	TS 3033 EN 60529 TS EN 60529/A1 TS EN 60529/A2

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.




 <p>TürkAK Test TS EN ISO/IEC 17025 AB-0177-T</p>	<b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ (ŞUBE)</b>	
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Address : A.O.S.B. 10034 SOKAK NO:7 ÇİĞLİ / İZMİR İzmir/Türkiye	Phone : +90 232 497 9700 Fax : +90 232 497 9700 Email : e.demiralp@baylanwatermeters.com Website :	

Meters		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Dry Heat (Non-Condensing) Test	EN ISO 4064-2 Article 8.2 OIML 49-2 Article 8.2 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.1 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Cold Test	EN ISO 4064-2 Article 8.3 OIML 49-2 Article 8.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.2 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Damp Heat, Cyclic (Condensing) Test	EN ISO 4064-2 Article 8.4 OIML 49-2 Article 8.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.2.3 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Flow Disturbance Tests	EN ISO 4064-2 Article 7.10 OIML 49-2 Article 7.10 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.9 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)




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Testing Laboratory		
<b>Address :</b> A.O.S.B. 10034 SOKAK NO:7 ÇİĞLİ / İZMİR İzmir/Türkiye		<b>Phone :</b> +90 232 497 9700 <b>Fax :</b> +90 232 497 9700 <b>Email :</b> e.demiralp@baylanwatermeters.com <b>Website :</b>
Cold and Hot Water Meters Flow Meter (DN 50-200)	Overload Water Temperature Test	EN ISO 4064-2 Article 7.6 OIML 49-2 Article 7.6 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.7 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Water Temperature Test	EN ISO 4064-2 Article 7.5 OIML 49-2 Article 7.5 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.6 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Determination of Intrinsic Errors (of indication) Test	EN ISO 4064-2 Article 7.4 OIML 49-2 Article 7.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 2 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.3 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Pressure Loss Test	EN ISO 4064-2 Article 7.9 OIML 49-2 Article 7.9 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 4 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.11 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)





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<b>Testing Laboratory</b>		
<b>Address :</b> A.O.S.B. 10034 SOKAK NO:7 ÇİĞLİ / İZMİR İzmir/Türkiye	Phone : +90 232 497 9700 Fax : +90 232 497 9700 Email : e.demiralp@baylanwatermeters.com Website :	
Cold and Hot Water Meters Flow Meter (DN 50-200)	Static Pressure Test	EN ISO 4064-2 Article 7.3 OIML 49-2 Article 7.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 3 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.2 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC Article 3.3 (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Durability Tests	EN ISO 4064-2 Article 7.11 OIML 49-2 Article 7.11 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 TS 10021:1992 Article 5 (* It was repealed on 12.02.2009 but was temporarily included in the scope of accreditation upon the request of the organization) EN 14154-3+A2:2013 Article 5.13 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Absence of Flow Test	EN ISO 4064-2 Article 8.17 OIML 49-2 Article 8.17 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Water Pressure Test	EN ISO 4064-2 Article 7.7 OIML 49-2 Article 7.7 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.8 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)



## Accreditation Scope

 <b>TÜRKAK</b>  <small>Test</small> <small>TS EN ISO/IEC 17025</small> <small>AB-0177-T</small>	<b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ (ŞUBE)</b>  Accreditation Nr: AB-0177-T Revision Nr: 19 Date: 22.05.2025	
	<b>Testing Laboratory</b>	
	<b>Address :</b> A.O.S.B. 10034 SOKAK NO:7 ÇİĞLİ / İZMİR İzmir/Türkiye	<b>Phone :</b> +90 232 497 9700 <b>Fax :</b> +90 232 497 9700 <b>Email :</b> e.demiralp@baylanwatermeters.com <b>Website :</b>
Cold and Hot Water Meters Flow Meter (DN 50-200)	Reverse Flow Test	EN ISO 4064-2 Article 7.8 OIML 49-2 Article 7.8 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 5.12 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Static Magnetic Field Test	EN ISO 4064-2 Article 8.16 OIML 49-2 Article 8.16 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Electrostatic discharge	EN ISO 4064-2 Article 8.11 OIML 49-2 Article 8.11 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.3.1 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Changes In Power Supply Test (Interruption In Battery Supply)	EN ISO 4064-2 Article 8.5.4 OIML 49-2 Article 8.5.4 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)
Cold and Hot Water Meters Flow Meter (DN 50-200)	Changes In Power Supply Test (Water Meters Powered By External DC Voltage Or By Primary DC Batteries)	EN ISO 4064-2 Article 8.5.3 OIML 49-2 Article 8.5.3 2004/22/EC MI-001 (* It was repealed on 29.06.2016 but was temporarily included in the scope of accreditation upon the request of the organization.) 2014/32/EU MI-001 EN 14154-3+A2:2013 Article 6.4.5 (* It was repealed on 18.02.2015 but was temporarily included in the scope of accreditation upon the request of the organization) Cold Water Meter Directive 75/33/EC (* It was repealed on 07.08.2008 but was temporarily included in the scope of accreditation upon the request of the organization)



 <p>TÜRKAK Test TS EN ISO/IEC 17025 AB-0177-T</p>	<p><b>BAYLAN ÖLÇÜ ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ (ŞUBE)</b></p> <p>Accreditation Nr: AB-0177-T Revision Nr: 19 Date: 22.05.2025</p>
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Electrical,Electronic and IT Products and Devices		
Tested Materials / Products	Name of Test	Testing Method (National, International Standards, In-house Methods)
Electricity metering equipment	Electricity Metering Equipment (A.C.) - Part 1: General Requirements, Tests and Test Conditions - Metering Equipment (Class Indexes A,B and C) (Immunity to radiated RF electromagnetic fields, Immunity to conducted disturbances induced by RF fields, Immunity to damped oscillatory waves, immunity to conducted differential current disturbances in the 2 kHz-150 kHz frequency range excluded)	TS EN 62053-23 EN 62053-23 IEC 62053-23
Electricity metering equipment	Electricity Metering Equipment (A.C.) - Particular Requirements - Part 21: Static Meters for Active Energy (Classes 1 and 2) (Immunity to radiated RF electromagnetic fields, Immunity to conducted disturbances induced by RF fields, Immunity to damped oscillatory waves, immunity to conducted differential current disturbances in the 2 kHz-150 kHz frequency range excluded)	TS EN 62053-21 EN 62053-21 IEC 62053-21
Electricity metering equipment	Electricity Metering Equipment (A.C.) - Part 3: Particular Requirements - Static Meters for Active Energy (Class Indexes A, B and C) (Immunity to radiated RF electromagnetic fields, Immunity to conducted disturbances induced by RF fields, Immunity to damped oscillatory waves excluded)	TS EN 50470-3 EN 50470-3
Electricity metering equipment	Electrical measuring equipment (aa) - Part 1: General rules, tests and test conditions - Measuring equipment (Class A, B and C) (Immunity test against electromagnetic RF fields, Experimentation of transmitted disturbances generated by radio frequency fields, Immune test of damped oscillating waves , Shock Test, Vibration Test, Radio interference suppression excluded)	TS EN 50470-1 EN 50470-1
Electricity metering equipment	Electricity Metering Equipment (A.C.) - General requirements, Tests and Test Conditions - Part 11: Metering Equipment (Immunity to radiated RF electromagnetic fields, Immunity to conducted disturbances induced by RF fields, Immunity to damped oscillatory waves, Shock Test, Vibration Test, Radio interference suppression, immunity to conducted differential current disturbances in the 2 kHz-150 kHz frequency range excluded)	TS EN 62052-11 EN 62052-11 IEC 62052-11  Exclusions:  Article (5.2.1) Article (5.2.2) Article (9.3.5) Article 9.3.7)  Article (9.3.8) Article (9.3.10) Article (9.3.11) Article (9.3.14)

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.

