

INGOLD

Leading Process Analytics

THORNTON

Leading Pure Water Analytics

MT Service



A Partner You Can Trust
to Get It Right from the Start

METTLER TOLEDO

Conductivity Sensor Calibrations

Maintain Accuracy and Compliance

Maintain accurate measurement of your process and compliance to industry regulations and critical quality standards with METTLER TOLEDO Conductivity Sensor Calibrations.

Calibrate Conductivity Sensor, 2E

- Calibration of cell constant and temperature for 0.1 cm⁻¹ and 0.01 cm⁻¹ sensors.
- Calibration that meets USP <645> Water Conductivity requirements.

Calibrate Conductivity Sensor, High Conductivity

- Calibration of cell constant and temperature for sensors measuring high conductivity solutions 10 μS/cm to 1 S/cm.
- Calibration that meets USP <1644> Theory and Practice of Electrical Conductivity Measurements of Solutions.

Calibrate Conductivity Sensor, UniCond

- Calibration of measurement electronics plus the cell constant and temperature for UniCond 0.1 cm⁻¹ and 0.01 cm⁻¹ sensors.
- Calibration that meets USP <645> Water Conductivity requirements.

Calibrate Conductivity System

- Accurate performance in the total measurement loop by calibrating your sensor, transmitter and calibrator as an integrated system.
 - ±1% cell constant and system accuracy at 18.2 Ω-cm at 25°C; As-Found As-Left data; Certification of temp., resistivity, and cell constant measurement
 - Variations of conductivity system calibrations are available.
- Visit www.mt.com/pro-service and click "Request Info" to learn more.





Analog & Digital Transmitter Calibrations High Performance Measurement

METTLER TOLEDO Services ensure accurate measurement in your process. Obtain the highest accuracy, compliance, and performance through transmitter services for analog and digital instruments.

Calibrate Transmitter, Analog

- Calibration of resistance, temperature, voltage, and frequency (as applicable to model)
- As-Found and As-Left data
- Traceability
- Calibration meets USP <645> Water Conductivity requirements.

Calibrate Transmitter, Digital

- Calibration of analog outputs
- Relay function test
- Verification of conductivity communication
- As-Found and As-Left data
- Traceability



Additional Service products may be available in your country. Visit www.mt.com/pro-service for details.

Ozone Sensor Calibration

Maintain Accuracy and High Performance

Maintain accurate measurement of your process and compliance to industry regulations and critical quality standards with METTLER TOLEDO Ozone Sensor Calibration.

Calibrate Ozone Sensor

- Polarization of ozone sensors in a loop of ozonated water at ~300ppb. Calibration is performed with a colorimeter.
- Specialized Service Tools used by METTLER TOLEDO trained personnel to provide fast, accurate, on site polarization and calibration of your ozone sensors.



GPro 500 Setup and Configuration

Maximum Benefits from Day One

Ensure your new sensors and connections are configured to your specific application for performance and reliability from the start.

Setup Custom Configuration

- Verification of proper installation point conditions
- Install and configure the sensor
- Record of back-up settings



Additional Service products may be available in your country. Visit www.mt.com/pro-service for details.



Silica Analyzer Service Products

Achieve Optimal Uptime and Performance

Ensure your Silica Analyzers are configured and maintained with expert services by METTLER TOLEDO for a productive start and long life.

Setup Standard Configuration

- Assurance that your analyzer is configured according to the highest manufacturer's standards for top performance and reliability through
 - Verification of proper installation
 - Initial setup, configuration, and calibration
 - Brief operational overview for operator

Full Preventive Maintenance

- Replacement of critical components and a full calibration to maximize measurement accuracy and productive uptime through
 - Visual inspection
 - Operational tests
 - Refill solutions/reagents
 - Replace minor wearable parts
 - Accuracy verification cal/check



TOC Sensor Services

Maximize Accuracy, Productivity and ROI

Ensure accurate TOC measurement in your process. Get the highest possible uptime and performance through preventive maintenance services, calibrations, and system suitability tests.

Basic Preventive Maintenance

- Replacement of critical components and calibration to ensure accurate and reliable measurement through
 - Visual inspection
 - Replace UV lamp
 - Replace filter
 - TOC calibration
- Recommended every 6 months or 4,500 hours

Full Preventive Maintenance

- Replacement of critical components and a full calibration to maximize measurement accuracy and productive uptime through
 - Visual inspection
 - Replace UV lamp
 - Replace filter
 - Full calibration of TOC, conductivity, temperature and flow rate
- Recommended every 12 months

TOC Calibration

- Accurate measurement of your TOC Sensor through calibration with TOC standard solutions of known concentration.
- May be executed with standard or extended range solutions.
- Recommended upon change of the UV lamp or at least every 12 months

System Suitability Test

- Calculation of response efficiency
- Evidence that system performance is adequate for TOC analysis and meets compliance regulations
- Recommended with a Full PM, with a Basic PM for Pharmaceutical production, and as desired for operational needs





Sodium Analyzer Service Products

Achieve Optimal Uptime and Performance

Ensure your Sodium Analyzers are configured and maintained with expert services by METTLER TOLEDO for a productive start and long life.

Setup Standard Configuration

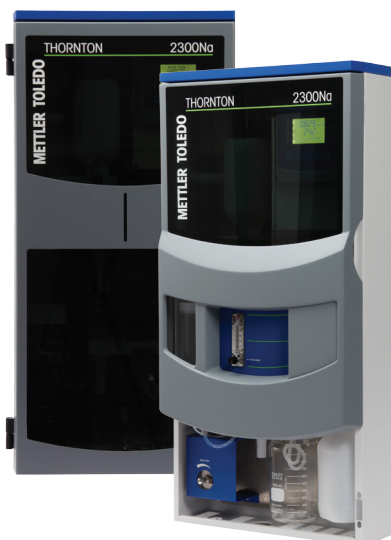
- Assurance that your analyzer is configured according to the highest manufacturer's standards for top performance and reliability through
 - Verification of proper installation
 - Initial setup, configuration, and calibration
 - Brief operational overview for operator

Basic Preventive Maintenance

- Replacement of wearable parts and a calibration to ensure accurate and reliable measurement through
 - Inspection
 - Maintenance / calibration of electrodes
 - Replace minor wearable parts
 - Refill solutions
 - Auto calibration
 - Accuracy verification cal/check

Full Preventive Maintenance

- Replacement of critical components and a full calibration to maximize measurement accuracy and productive uptime through
 - Inspection
 - New Na and pH electrodes
 - Calibrate electrodes
 - Replace minor wearable parts
 - Refill solutions
 - Auto calibration
 - Accuracy verification cal/check



Be Ready with METTLER TOLEDO Service

Accuracy, compliance and high performance is just a click away! Visit www.mt.com/pro-service today and click the green button to "Request Service". A local METTLER TOLEDO representative will be happy to assist you.



The screenshot shows the METTLER TOLEDO website interface. At the top, there is a navigation bar with links for Home, Products & Solutions, Industries, Services & Support, About Us, and Contact Us. Below the navigation bar, there is a banner for 'Process Analytics' featuring a pH meter and a pipette. The banner text reads 'Process Analytics' and 'pH, Dissolved Oxygen, Conductivity, Turbidity, TOC, Sodium, Silica, Gas Analyzer'. A green button labeled 'Request Service' is visible in the bottom right corner of the banner. Below the banner, there is a section titled 'Be Ready for Your Next Audit with Service from METTLER TOLEDO' with a photograph of four service technicians. The text in this section describes the company's commitment to accuracy, compliance, and high performance, and lists various services offered.

Be Ready for Your Next Audit with Service from METTLER TOLEDO

Accuracy, compliance, and high performance are critical for achieving product quality and efficiency in your plant. We support and service your measurement equipment through its entire life-cycle, from setup and configuration to preventive maintenance and calibration to equipment repair. Our teams of well-trained Service Technicians are ready to help you get the most value from your measurement equipment.

Let METTLER TOLEDO be your trusted advisor and provide just the right service approach to maximize accuracy, compliance, and high performance for your production needs.

Get service for:

- Conductivity sensors
- TOC sensors
- Ozone sensors
- Sodium analyzers
- Silica analyzers
- Gas sensors

www.mt.com/pro-service

For more information

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Subject to technical changes

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