

REPAIR CALIBRATION & METROLOGY SERVICES

Portable Gas Meter	Service & Calibration
5 Gas with PID Meter	\$200
5 Gas Meter	\$155
4 Gas with PID Meter	\$180
4 Gas Meter	\$135
3 Gas Meter	\$115
2 Gas Meter	\$80
1 Gas Meter	\$65
(LEL, O ₂ , H ₂ S, CO, CO ₂ , Cl ₂ , NH ₃ , HCN, SO ₂ , NO, NO ₂)	
Flame Ionization Service & Calibration	\$180
FID Special Calibration: USEPA method 21 Calibration	\$90
Photoionization (PID) Service & Calibration: PPM Scale	\$135
Photoionization (PID) Service & Calibration: PPB Scale	\$205
Landfill Gas Analyzer Service & Calibration: (CO ₂ , O ₂ & CH ₄)	\$180
Landfill Gas Analyzer with Pressure Sensors	\$300
Landfill Gas Meter with Pressure Sensors and H₂S Sensor	\$300
Indoor Air Quality Analyzer Calibration: Temp, Humidity, CO and CO ₂	\$350
Mercury Calibration	\$400
Hydrogen Sulfide - ppb levels	\$450
Formaldehyde Calibration	\$300
Ozone Calibration	\$350
Thermo Miran Sapphire - Calibration Verification	\$700
Portable Gas Meter Service Includes: Full Instrument Diagnoses and maintenance service, pump, lamp and detector cleaning, sensor, battery and filter replacement if necessary. Tested to manufacturer's specification.	
Parts and additional labor are extra. Calibration includes: Calibration to NIST traceable standard whenever possible and documentation.	
Fixed Gas Monitoring Systems and PLC's	
Fixed Systems Toxic and/or Combustibles:	Call
MSA, Thermo -Gastech, Honeywell - BW, Sensidyne, Marcurco, Scott & RKI	
Aerosol/Dust & Fit Tester	
Fit Test Meter Calibration: 8020/8030/8038	\$600
MSA, Thermo -Gastech, Honeywell - BW, Sensidyne, Marcurco, Scott & RKI	
Calibration Service Includes: Pump and switch valve cleaning, pump flow and vacuum checks, internal tube cleaning or replacement, multiple fit test calibration points and computer connectivity check. Calibration document is provided.	
Aerosol/Dust Calibration: Thermo pDR-1000/pDR-1200 (call for other models)	\$475
Thermo DR-2000 or DR-4000	\$475
Calibration Service Includes: Chamber and optics cleaning, pump cleaning if applicable, filter replacement, test two or more span points and power supply check. Calibration document is provided.	
Heat Stress:	
Quest, Reuter Strokes	\$215
Calibration Service Includes: Calibrate separately the meter and sensor block using resistance standards. Verify user check standard if applicable.	
Noise & Sound:	
Sound Calibrators	\$100
Sound Level Meters Type 2	\$225
Noise Dosimeters	\$205
Calibration Service Includes: Calibrate meter against four different frequencies and decibel levels. Check linearity at 1 KHz and check high and low scales at 90 dB.	
Calibration Service Includes: Calibrate decibel level, verify frequency and adjust voltage output if applicable.	

SAFETY - INDUSTRIAL HYGIENE - ENVIRONMENTAL

Sample Pumps	Service & Calibration
Sample Pump Service & Test: - SKC/Gilian/MSA/Ametek/Sensidyne	\$175
Service includes: Check overall performance, replace filters, test that back pressure meets specification, clean diaphragm, valve plates, O-rings if necessary. Run the battery test. Service Includes certifying document.	
Air Flow Calibrators	
Air Flow Calibration: Bios / Gilian / Buck / MSA	\$200 includes new battery
Rotometers - Secondary Standards	\$35
Calibration includes: Check up to six points on a primary standard device. Service Includes internal cleaning if needed, new battery and installation. Four point check on a rotometer. Service includes certifying document.	
Air Velocity	
Air Velocity Calibration: Thermal Anemometer (air velocity)	\$200
Anemometer with Temperature & Humidity	\$275
Pressure Calibration: Manometer - Liquid or Electronic (0-30psi)	\$75
Calibration includes: Three point temperature calibration. Up to six velocity points are tested.	
Service includes certifying document.	
Portable Combustion / Emissions	
Combustion Analyzers Service & Calibration: O ₂ , CO and Temperature	\$175
Emission Analyzers: Testo 350/350XL O ₂ , CO, NO, NO ₂ , SO ₂ and CxHy	\$600
Bacharach ECA-450 O ₂ , CO, NO	
Service Includes: Temperature calibration, pressure and gas sensor(s). Pumps, filters... Check for probe bias.	
CEM	
CEM Repairs: Heated FID's JUMS, Thermo, VIG, Beckman, CAI	\$120/hour
NOX SO ₂ CO ₂ O ₂ Thermo, CAI, Horiba, Eco Physics, API, Ametek, Servomex	
CEM Interference Test: 40CFR Part 60 Methods 3A, 6C, 7E, and 10	\$300 and up
Calibration of Dilution Calibrators: Environics Horiba Thermo	\$330/MFC
Service includes NIST traceable certifying document where applicable.	
Wet Method Emissions	
Service & Calibration: Meter Consoles Apex, Nutech, Napp, CAE, Millenium	\$350
Pitot Verification: Type S pitot tubes	\$35
Nozzle Verification: Stainless or glass	\$35
Orifice Calibration	\$75
Service Includes: Five or 3 point calibration of the gas meter and orifice. Temperature meter and controllers are also verified. Service includes certifying document.	
Water Quality	
pH & Conductivity Service & Calibration	\$80
3+ Sensors	\$160
Turbidity Meters	\$130
Colorimeter	\$80
Water Temperature Verification	\$40
WLM/IFM Tape Calibration NIST traceable	\$65
Ground Water Pumps	
Pump Evaluation	\$75
Grundfos / Proactive Pump Rewire	\$175
Proactive Pump Rewire	\$225
Grundfos Redi-Flo2 Service – including Teflon wear parts	\$190
Waste Water Pumps	
Isco's, American Sigma & Global Water pump repair	\$75/hour
Waste Water Flow Meters	
Two point velocity test where applicable, Pressure or level test where applicable.	\$400
Weather Stations: Met One, Vaisala, RM Young, Campbell	
Temperature Wind Direction Wind Speed Barometric Pressure Humidity	\$75/hour
Pressure Calibration: Back Flow Meter Test kits	
	\$90
We test the pressures at 0, 1, 2, 3, 5, 8 and 11 PSID. NIST traceable calibration document is provided.	

REPAIR SERVICES

Authorized warranty repair center for :



Factory trained and service provided for:



Other brands that we work on: Thermo, TSI, JUM, Sensidyne Gilian, Arizona Instruments, In-Situ, BW Honeywell, Quest, Cassella, Oakton, Hach, ...

I.E. MONITORING INSTRUMENTS

Labor Rates: \$75 / hour for portables

\$120 / hour for CEM & Fixed Systems

7410 Worthington-Galena Rd

Columbus, OH 43085

800-532-7474 or 614-436-4933



Repair Service Form

CHECK FOR RUSH REPAIR
\$80 PER INSTRUMENT

Pre-Authorization Amount per Instrument \$250 \$500 \$750 \$ _____ Other **Please Circle One!**

Bench Fee of \$40 Minimum per instrument is applied to every order. Charges are waived if repair or new sale is approved!

PO# _____

Credit Card# _____ **Exp Date** _____ **CVV2 Code:** _____

Name on Card _____ **Signature** _____

Address for Card _____

CONTACT NAME _____ **EMAIL** _____

COMPANY _____

ADDRESS _____

CITY _____ **STATE** _____ **ZIP** _____

PHONE _____ **FAX** _____

INSTRUMENT _____ **SERIAL NUMBER** _____

REASON FOR RETURN: _____

INSTRUMENT _____ **SERIAL NUMBER** _____

REASON FOR RETURN: _____