TELEDYNE INSTRUMENTS
Monitor Labs
A Teledyne Technologies Company

THE CLEAR CHOICE IN air QUALITY monitoring

Teledyne Monitor Labs - A leading supplier of environmental air quality and process monitoring instruments and systems. No other single supplier can provide the range of source and ambient measurement solutions, plus technical expertise, industry experience and valuable support services. Everyone at Monitor Labs is dedicated to providing the highest quality instruments, systems, and services. **Our goal is 100% Customer Satisfaction. ISO 9001 Certified**

HISTORICAL HIGHLIGHTS

1969	**Monitor Labs, Inc**. was founded, specializing in state-of-the-art Ambient Air Analyzers and Data Systems.	1978	Monitor Labs introduced HERS, the first desk- top computer based data system for environmental monitoring.
1971	Monitor Labs introduced the 8500 Calibrator for air monitoring. Lear Siegler Measurement Controls Corporation was founded as the Environmental Technology Division of Lear Siegler Inc., focusing on state-of-the-art stack monitoring instruments and systems.	1980	Development of an improved sample probe and extractive sampling components enable us to provide multi-gas, multi-point monitoring in harsh process environments. Introduction of ML®8800 Series ambient analyzers. These analyzers were at the leading edge of technology featuring easy maintenance, operation, and unmatched accuracy
1972	Introduced the first precision transmissometer (RM4) for measurement of stack gas opacity. This began the legacy of opacity product leadership which resulted in over 4000+ installations around the world. Monitor Labs installed ADAM, a real time data collection and reporting system for the US EPA, State of California and Southern Companies.	1982	Completed development of our in situ EX4700A analyzer to monitor CO, CO_2, H_2O and temperature for improved combustion control and emission monitoring.
1973	The acquisition of Spectrometrics of Florida, Inc. made possible the development of a unique analyzer to measure the two primary gas pollutants emitted in stack gases, SO_2 and NO.	1983	The combination of a unique differential SO_2 analyzer and oxidation system with a variation of our standard Extractive System, resulted in a reliable, low maintenance TRS (Total Reduced Sulfur) monitoring system for the pulp and paper industry.
1974	Introduced the 8410 O_3 and 8440 NO_x analyzers used in RAPS study in St. Louis, MO.	1988	With the acquisition of Dynatron, Inc., a Connecticut-based supplier of opacity and gas monitoring instruments, our company continued to assert its leadership role in opacity monitoring technology. Acquisition of the Lear Siegler Corporation by Forstmann Little.
1975	Introduced the RM41 Opacity Monitor - thousands successfully installed in many different kinds of stacks.	1989	The acquisition of Monitor Technologies Inc. (Monitor Labs, Inc.), a leader in the ambient air monitoring market, brought the company to the forefront of environmental monitoring for source emissions and ambient air.
1976	Introduced our first minicomputer based data acquisition and reporting system which provided the foundation for our current Data Acquisition System. (DAS)	1992	The introduction of our ML®9800 Series Ambient Air Quality Analyzers provides users with interface capabilities and features never before available including graphics display, auto range, trend diagnostics, completely utomated adjustments and remote control and diagnostics. US EPA equivalency certification confirms the reliability, precision and accuracy of the analyzer.

1993	**IT'S NOW MONITOR LABS** Lear Siegler Measurement Controls Corporation was acquired by Bowthorpe plc, a U.K. global electronics and electrical company. With the new ownership, the Company name was changed to the name of a company it previously acquired-Monitor Labs, Inc. As a part of the Bowthorpe Environmental Sector, there were no changes in products, services, or other aspects of company operations except for a renewed emphasis on meeting customer needs and investing for future markets.
1994	25th anniversary of Monitor Labs successful entry into the ambient air monitoring market. A peak sales year as Monitor Labs captured a substantial share of the US Acid Rain CEMS/DAS market. DASx-75 (automated data acquisition and reporting system), SM8175 (in situ SO_2 and NO Analyzer), and LS541 (Opacity Monitor) introduced to the market.
1995	Monitor Labs introduced the ML 660 and ML 675 pre-engineered multi gas conventional and dilution extractive systems, respectively. CE mark certification was also received for the ML9800 analyzers. Moved into a new facility at 76 Inverness Drive East. Monitor Labs introduced the SM8160 in situ SO_2 and NO analyzer for industrial applications. Also introduced was the 9800B ambient analyzers which carry US EPA equivalency. ISO 9001 certification was received from BVQI. This is a major achievement which demonstrates that our Quality system is not only a commitment, but also an integral part of our company culture.
1996	Odessa Engineering's datalogger and ea1/ea2 software products were merged into ML's product lines.
1998	Monitor Labs merges with United Sciences
1999	Monitor Labs releases RegPerfect-Windows
2000	Monitor Labs developed the LightHawk 560 and 560 DI Opacity/ Dust Monitors to comply with new ASTM D6216 Standards of Practice.
2002	Monitor Labs introduced the Ultraflow 150 in Response to the EPA's stringent 10% RATA requirement and low flow-to-load ratio. **MONITOR LABS IS NOW TELEDYNE MONITOR LABS** Teledyne Technologies Incorporated, based in Los Angeles, CA announces the acquisition of Monitor Labs Incorporated. There were no changes in products, services, or other aspects of company operations.
2003	Teledyne Monitor Labs introduced the Sensor-e Series UV Fluorescence, Gas Filter Correlation and Chemiluminescence ambient analyzers.
2005	Teledyne Monitor Labs Introduced the LaserHawk 360 to comply with EPA Performance Specification-11 for continuous particulate monitors.

WORLDWIDE SUPPORT

Our headquarters occupy two buildings near Denver in Englewood, Colorado. The buildings house our engineering, research and development, production, testing, sales, service, marketing and administrative facilities. In addition, Monitor Labs supports a worldwide network of manufacturers' sales representatives, distributors, and field service technicians to support our domestic and international customers.

PRODUCT REVIEW

Insitu Probe Based Systems
SM8160 & SM8175 SO_2/NO (d^2 UV)
LS420 Zirconia Oxygen Analyzer (zinc oxide)
LS710 Multi analyzer Controller

Opacity Monitoring
560, 560DI & 560P LightHawk opacity/Dust Monitors
301 Smoke Density Monitor (photometer)

Flow Monitoring
Ultraflow 150 (ultrasonic)

PC Based Data Acquisition and Reporting Systems
Reg Perfect DAS software system

Ambient Analyzers
Ozone: 9810, 9811, 9812, 9810B
Carbon Monoxide: 9830, 9832*, 9830B, sensor-e CO
Nitrogen Oxides: 9841A, 9841B, sensor-e NOx, NO_2, NO
Sulfur Dioxide: 9850, 9850B, sensor-e SO_2
Carbon Dioxide: 9820*, sensor-e CO_2
*For stack CEMS applications

Dataloggers
DSM 3260/CEM and SPLC 3260 for CEMS
PIN protocol interface node adapter

Extractive Systems
660 Conventional Extractive
660 Open Architecture
661 Total Hydrocarbon
675 Dilution Extractive

ML® SERVICES
Factory and on-site repairs, Genuine ML Spare Parts, Field Service, Certification, Training, Maintenance Agreements, Startup/Testing, 24 Hour Technical Support & Emergency Services.

Teledyne Monitor Labs reserves the right to make changes in construction, design, specifications, and/or prices without prior notice.

FACTS/1/06