

MLDUARTE TRADE & LINGUIST TECHNOLOGY, Lda. is a consulting services company focused on international business development and the distribution of products, solutions, and services related to various industrial sectors. MLDUARTE is headquartered in Portugal and has offices in Spain, Turkey, and Brazil. The company has staff throughout the EMEA region, South America, and Asia, offering a variety of products from well-known brands.



Hidro Melhoras, Lda., a part of the Mejoras Group, has been offering advanced systems and equipment for the complete water cycle for over 20 years.

The company stands out for its focus on customer service, providing specialized consulting, installation, qualified training, and technical assistance, including repair and after-sales services.

Water Analyzers and Monitors: ensure water quality by detecting various critical parameters. This category includes analyzers for chlorine, biocides, ammonia/ammonium, and SAC/UV254. It also includes monitors for pH/redox, conductivity, turbidity, suspended solids, dissolved oxygen, transmittance, nitrates, BOD/COD, and TOC.

Continuous Microbiological Monitors: used to detect the presence of pathogenic organisms in water. These products consist of: water bacteria monitors and algal fluorescence monitors.

Multiparameter Probes: allow simultaneous measurement of various water quality parameters, facilitating comprehensive analysis.

Field and Laboratory Kits: essential for field or laboratory analyses. These devices include: photometers, turbidity meters, sensor technology, portable equipment, and visual kits.

Water Quality Control

Pre-locators: Identify potential leak areas in water supply systems. Using acoustic or pressure sensors, they help reduce repair time and costs by allowing a detailed investigation of the exact leak point.

Correlators: Detect leaks by analyzing the sound of escaping water in pipes, calculating the precise leak location based on the time the sound takes to reach installed sensors.

Geophones: Detect leaks by capturing the sound of pressurized water. They are used to accurately locate the origin of leaks in buried pipelines.

Leak Detection and Location

Hydraulic Valve Controllers: Dynamically adjust the output pressure based on time and/or flow rate.

Flow Meters: Measure the water flow in pipelines, monitoring consumption and identifying anomalies.

Data Loggers: Store real-time data on flow and pressure, aiding in leak detection.

Level Controls: Monitor and regulate liquid levels in reservoirs, ensuring efficient storage system operation.

Network Monitoring

Cables and Pipes: A digital locator that identifies the position of underground cables and pipes, featuring depth indication, data logging, and self-diagnostic functions.

Covers: A metal detector that locates well covers or inspection box lids, simplifying maintenance operations.

Gas Monitoring and Detection: Systems that detect hazardous gases in the environment, essential for ensuring safety in industrial and commercial facilities.

Detectors

Remote Stations: Enable remote monitoring and control of systems, offering real-time supervision and process automation by integrating remote terminals with programmable logic controllers (PLCs).

Power Network Analyzers: Measure electrical parameters, including harmonic distortion, with digital outputs for alarms and communication via MODBUS RS485 or TCP/IP.

Telemetry and Data Management Software: Transforms field data into actionable insights for the efficient management of critical infrastructure, such as water systems.

Web Data Server: Allows remote management and control of equipment through an intuitive control panel.

Remote Control and Telemetry

Inspection: Ensure the integrity and efficient operation of sanitation and water supply infrastructure. The equipment used in this category includes: Cameras, Camera Systems, Camera Trailers, Van Setups, Pole Systems, Manual Push Systems, Cable Drums, Control Units, Portable Systems with Trailers.

Milling and Sealing Robots: Designed for pipeline rehabilitation, allowing infrastructure renewal without the need for extensive excavation. These devices remove deposits and obstructions from the walls of pipes and apply materials to joints and cracks, restoring impermeability and structural integrity of the pipelines.

Rehabilitation: Extends the lifespan and improves the performance of networks. This category includes various techniques and systems: Epoxy Curing, Scarfing Systems, Cannon Systems, Leak Sealants, Sealing Joints, LCR Systems, and Sleeves.

Inspection and Maintenance of Pipelines and Wells