"Covering The World" With Effective, Affordable Solutions
For Liquid/Materials Leak Detection & Level Monitoring Applications

APPLICATIONS, BUILDINGS & LOCATIONS

- Environmental compliances.
- Oil and gas industry.
- Fuel storage tanks; UST and AST.
- Oil/water separators.
- Waste water management.
- Food and beverage processing.
- Petrochemical plants.
- Product transfer areas.
- Bulk fuel storage farms.
- Fuel storage handling sites.
- Automotive service stations.
- Pulp & paper mills.
- Chemical storage rooms.
- Power generating stations.
- Marine, aviation, trucking and railroad fueling facilities.
- Remote fueling for off-road heavy equipment.
- Level monitoring of standby power generator (Genset) fuel tanks.
- Flooding and sewage backup detection in building basements and underground tunnels.
- Water leak detection in offices, computer rooms, laboratories, file & data storage areas, libraries, museums, warehouses, stores, boiler rooms, sprinkler system water lines.
- Air conditioning, HVAC and plumbing systems.
- Shipping & receiving areas.
- Transportation facilities.
- Municipal depots.
- Military facilities.
- Docks and naval vessels.
- Research facilities.

Contact factory for applicable approvals on specific equipment
Flooding and water leaks caused by ruptured pipes or heavy rainfall are an important application for leak detection such as computer rooms, data archives, boiler rooms, below-ground levels of buildings and underground tunnels. Armstrong Technologies’ ATI-5025A water sensing cable and ATI-5005 Series water sensors can provide effective detection, helping to prevent costly damage and cleanup.

The ATI-5025A water sensing cable and our new economical ATI-5005F water sensor would be ideal for use in museums. When a sensor detects the presence of water from a leak or flooding, the monitor can automatically activate pumps to eliminate the water and help prevent costly damage to valuable and priceless historical objects and artifacts.

Warehouse inventory protection is another important application for liquid monitoring. Leaks caused by flooding, ruptured pipes or roof damage could result in millions of dollars in damages and replacement costs. Protect your investment with Armstrong Technologies’ complete line of liquid monitors and water sensors.

The ATI-5100, ATI-5107 and our new ATI-6107 can efficiently monitor leaks and levels in and around above-ground tanks and underground fuel storage tanks (such as service stations, power generating stations, and also aircraft and marine fueling facilities). The ATI-DM335, in conjunction with the ATI-5029, can provide continuous in-tank level monitoring.

Armstrong Technologies’ monitors and sensors can also provide effective environmental protection for tank farms, ship docks and port facilities by continually monitoring for leaks around fuel and oil storage tanks.

Remote fueling facilities are no problem. The ATI-DM335 display module and our new ATI-6107 monitor operate on low-power DC voltage (12 to 28 VDC) from batteries, solar panels or even wind generators.

Armstrong Technologies offer a complete monitoring system for Genset applications. The ATI-5029 probe with the ATI-DM335 display module monitor the fuel level in the supply tank. The ATI-5020-4 probe with an ATI-1503 annunciator provide level detection for pump ON, pump OFF, empty and overfill alarms.

Petroleum & oil refineries, pulp & paper mills, chemical processing plants and waste disposal facilities are just some of the many applications where leak detection is necessary in order to help protect the environment.

Armstrong Technologies’ monitors and sensors can be interfaced with building, plant and shipboard central security systems, SCADA systems and remote site monitoring systems.
MONITORS & MODULES

ATI-5100
Our best monitor provides leak and level monitoring for up to 12 locations, and an additional 4 detection points for ATI-5020 probe(s). This monitor also has built-in battery backup.

ATI-6107
This compact monitor is easily configured for leak/level monitoring for up to 6 locations, and is protected up to IP65 (NEMA-4X). Optional plug-in modules will add extra functionality.

ATI-DM335
The display module features DIN rail mounting and a digital display to provide continuous level indication. It also features High and Low level alarms and relay contacts.

ATI-1503
The annunciator provides effective alarm indication for applications such as overfill protection, high/low level alarm in fuel tanks, or water detection.

ATI-RAM1
When connected to alarm relay contacts on our monitors, this module provides a remote alarm indication and an acknowledge function.

SENSORS & PROBES

ATI-5005B
The ATI-5005B Thread-mount Water Sensor is designed to detect water or other conductive liquids at point locations.

ATI-5005TN
This sensor is a nylon housing version of our basic ATI-5005B, safe for use in sanitary environments.

ATI-5007B
The ATI-5007B Dual Liquid Sensing Cable detects leaks of petroleum-based liquids along the full length of the cable, while water is detected at the end of the water sensing wires.

ATI-5008
The ATI-5008 Vacuum Sensor is designed to monitor the interstitial space of underground storage tanks.

ATI-5010B
The ATI-5010B Liquid Level Float Sensor detects rising or lowering levels of liquid at a single location.

ATI-5010W
The ATI-5010W Interstitial Leak Sensor is a non-discriminating liquid leak sensor which will detect any liquid at a single location.

ATI-5016
The ATI-5016A Petroleum Sensing Cable is designed to detect leaks of petroleum based liquids at any point along the full length of the cable.

ATI-5020
The ATI-5020 Liquid Level Probe provides incremental level monitoring for most liquids. Available with 1 to 4 levels.

ATI-5025A
The ATI-5025A Water Sensing Cable is designed to detect water or other conductive liquids at any point along the full length of the cable.

ATI-5029
The ATI-5029 Liquid Level Measurement Probe provides continuous liquid level monitoring, for accurate depth measurement readings.
LIQUID MONITORING APPLICATIONS (typical)

Building Boiler Rooms

ATI-5100 Monitor

or

ATI-6107 Monitor

or

ATI-1503 Annunciator

ATI-5025A

Boiler room water tanks

Installed around tank(s)