

## Detect Major Plastic Leaks in Multi-Material Injection Molding

*The 2-Nozzle AIRTECT LA502 Is Now Available from Plastixs*

With the addition of the AIRTECT LA502 to the Plastixs line of plastic leak detection solutions, AIRTECT takes a big step forward with an innovative design for multi-material injection molding machines. The [AIRTECT LA502](#) can detect plastic leaks at two injection molding nozzles simultaneously, with superior precision, control and safety.

### Growing Complexity Demands Advanced Solutions in Injection Molding

As plastic products become more complex, so does the demand for [advanced injection molding solutions](#). The rise of multi-material injection molding allows for the injection of two different materials into a mold in a single cycle. This is particularly useful for applications that require a substrate and a secondary part, which can be made from a very different material, such as a soft touch material for grip.

### Production Benefits

The AIRTECT LA502 introduces multiple benefits to the production of complex, multi-material parts:

#### *Flexibility & Efficiency*

The AIRTECT LA502 can handle plastic leak detection for two injection molding machine nozzles at once, providing greater flexibility and efficiency in multi-material injection molding applications while doing everything the LA500



does, with a 2x7-segment LED display with programmable operational settings.

#### *Leak Detection & Prevention*

One of the key advantages of the AIRTECT LA502 is its ability to detect plastic leaks both inside the mold and at the nozzle/mold interface on the injection molding machine.

It can also sound an alarm and activate a horn to alert maintenance personnel to the problem. The device interfaces with the injection molding machine, preventing the machine from cycling if a plastic leak is detected. As with the AIRTECT LA500, the AIRTECT LA502 can also control a manifold system for hot runner plastic leak detection, providing advanced precision and control for your injection molding process.

#### *Easy & Cost-Effective Installation*

Installation of the AIRTECT LA502 is straightforward and cost-effective, requiring as little as a day or less of downtime for a solution that is like an insurance policy for your machine, providing fast ROI and 24-hour peace of mind.

## **Plastixs Leads the Way in Advanced Injection Molding Solutions**

The AIRTECT LA502 offers superior precision, control and safety in multi-material injection molding applications. As a leader in the injection molding industry, Plastixs continues to lead the way in providing effective, innovative and advanced solutions that injection molding companies need to stay competitive in a challenging marketplace. With the AIRTECT LA502, injection molding companies can produce complex parts more efficiently and effectively, while protecting their equipment from plastic leaks and other costly problems.

With decades of experience and profound knowledge of plastic manufacturing processes and challenges, the Plastixs team works closely with clients to diagnose problems and identify solutions that maximize safety, efficiency and production. To learn more about the [AIRTECT LA502](#) and other solutions, [contact a Plastixs leak detection expert](#) today.

[Learn more about AIRTECT plastic leak detection](#)