

# With Zephyr You Get Future Expansion . . .

**Problem:** Larger liquid handlers, due to their size often have a provision for controlling numerous devices via digital I/O (or TTL as engineers like to refer to it). However, smaller footprint and less expensive liquid handlers often sacrifice this capability by embedding just enough I/O to control the most basic functions (filtration, shaker, light curtain...etc). But what about the user who wants to run something the manufacturer did not envision? For example: AC powered devices such as shakers, UV lamps or perhaps a digital device like a HyperSTAX plate loader.

**Solution:** Zephyr now supports the same general purpose I/O box as the Sciclone G3/G3T... As you can see in the photos, this device has 8 digital inputs and 8 digital outputs or can also control up to 8 AC devices. Maestro 5.0 and above (common software for all Zephyr and Sciclone models) has built in commands for controlling and monitoring I/O's. Users may turn an I/O port on or off, send a timed pulse to a port or wait on the status of a port to change. Real simple, real powerful.



## How This Benefits Users:

Zephyr, like Sciclone before it, is built around a strategy of providing versatility and flexibility not found in other liquid handlers. By supporting general purpose I/O, Zephyr is able to control or monitor external devices making it a more capable product than other small footprint liquid handlers right out of the box, or as future demands may require.



Part Number	Description
125760	Zephyr/Sciclone Liquid Handler I/O Control module (110-220 VAC) UAC Gen3

*... Contact Caliper today to find out more!*

