

# LP-2750 Professional Leak Tool

The LP-2750 is a specialized professional leak tool designed to help you find leaks in any body of water. It is a sensitive device and there a few things to know before starting your first Leak test.

## STEP 1

Remove LP-2750 from the stay dry canvas bag.

## STEP 2

Loosen the small black handle and firmly extend the inside slider with the sensor pod into a 90 degree position and tighten the handle gently to secure it into shape.

## STEP 3

Remove white safety screw from the Pod. Set it aside and make sure to always put back into place immediately after use.

## STEP 4

Being careful not to dunk the pod too deep into the water, adjust the pod carefully to testing position. Lower the POD into the water until the water line is at the lowest edge of the clear plastic body where it meets the white plastic cap and tighten firmly into place.

## STEP 5

Turn the handheld unit on and observe water level graph appear on the screen and stabilize on the display.

## STEP 6

Press "START". Once test is started be sure not to disturb the water or bump/adjust the tool. The slightest of adjustments can affect a test.

a) To end test Press "Done". And "Save test" if you wish to save it for review later. It is recommended you take a photo of your test result to refer to.

## GETTING STARTED CHECKLIST

- ✓ Always turn off any auto fills before you every test
- ✓ Be sure to use the down sample tube if testing turbulent water
- ✓ 10 minute test time for a spa and 15-20 minutes for a small pool and 45 minutes for very large pools
- ✓ Allow 5 mnutes for LP-2750 to reach thermal equilibrium before starting test if it is a cold day and you are testing a hot spa
- ✓ Don't add or remove objects or water during test
- ✓ Always replace safety screw when not in use
- ✓ Take a picture of the screen display to record your results.

# LP-2750 Professional Leak Tool

## Identify where the leak is

In order to find which part of the system is leaking we need to take two tests and compare the results. The test should be conducted for the same duration for accurate results. Test with one test with the pumps on and one test with the pumps off.

- ✔ Perform first test with pumps on and record results
- ✔ Wait 10 minutes for LP-2750 to equilibrate
- ✔ Perform second test with pumps off and record results

## Identify multiple leaks

To take it a step further, we can make sure this is the only leak by doing the following. Not a must but if there is any thought of two leaks it is suggested.

- ✔ Leak is in returns:  
Plug off all returns and run test to see if leak has gone away. If leak test shows no leak then that will be your only leak.
- ✔ Leak is in Suction:  
Plug off all drains and skimmers. If leak goes away that indicates it is your only leak.

If you still have a leak rate when plugged off the identified leak, you can then plug off suction and if leak rate flattens then we know there is a second leak in the suction.

## Using the down sample tube

In the case of a windy day with turbulent surface action on the water, you will want to utilize the down sample tube. Simply attach it to the bottom nipple of the pod and let it sink to the bottom of the pool. Then continue with your test as normal.

Other cases to use the down sample tube is when measuring near a water fall or anything else disrupting the surface of the water. a second leak in the suction.

## Calibrating the LP-2750

You do not need to calibrate after every test. You should calibrate your LP-2750 Pro Leak tool once or twice a year unless it's under heavy use then every 3-4 months is sufficient.

## Care and Storage

After using your LP-2750 make sure water completely drains out of the pod, and place safety screw back into the pod. Place slide pod back into the base plate for storage and place back into the canvas bag.

### Interpreting Test Results

#### Structure Leak:

Both test are identical

#### Suction Leak:

Test with pumps OFF has a greater leak rate than test ON

#### Returns Leak:

Test with pumps ON has a greater leak rate than test OFF