

# NSF®-50 Level 1 Certification



Industrial Test Systems, Inc. is proud to announce that it has five NSF Certified test kits including the eXact iDip® and family of eXact® EZ Photometers as required by the MAHC. NSF® is a product testing, inspection & certification organization based in Ann Arbor, Michigan. The Model Aquatic Health Code (MAHC) is a set of guidelines published by the Centers for Disease Control and Prevention (CDC). This document brings together the latest knowledge based on science and best practices to help state and local government officials develop and update pool codes.

# Benefits of NSF Certified Test Kits



- **Demonstrates technical knowledge**
- **Increases inspector confidence**
- **Expedites regulatory acceptance**
- **Reduces potential liability issues**
- **Increases consumer confidence**

# Not all NSF Certified test kits are equal!

Certified products are given an accuracy rating to one of three levels: L1, L2, or L3. ITS has been awarded level L1 certification, the highest accuracy rating available. Only products bearing the NSF®-50 logo are NSF®-Certified\*.

## NSF/ANSI 50 Standards for pH and Free & Combined Chlorine

### NSF/ANSI 50 Standard pH

0.12.1 Accuracy levels for pH  
Range of operation 5 to 10

|    |                     |  |
|----|---------------------|--|
| L1 | Between 6.8 and 7.7 | $\pm 0.2$ pH                             |
|    | Between 7.8 and 8.4 | $\pm 0.2$ pH                             |
|    |                     |  |
| L2 | Between 6.8 and 7.7 | $\pm 0.4$ pH                             |
|    | Between 7.8 and 8.4 | $\pm 0.4$ pH                             |
|    |                     |  |
| L3 | Between 6.8 and 7.7 | $\pm 0.5$ pH                             |
|    | Between 7.8 and 8.4 | $\pm 0.5$ pH                             |
|    | Strip or comparator | Within 1 increment of the expected value |

# NSF/ANSI 50 Standard

## Free & Combined Chlorine

### O.12.2 Accuracy levels for Chlorine; free and combined

#### Range of operation 0 to 10 ppm

|    |                     |  |
|----|---------------------|--|
| L1 | Between 0 and 3     | $\pm 0.2$ ppm                            |
|    | Between 3 and 7     | $\pm 0.7$ ppm                            |
|    | Between 7 and 10    | $\pm 1.5$ ppm                            |
|    |                     |  |
| L2 | Between 0 and 1     | $\pm 0.25$ ppm                           |
|    | Between 1 and 3     | $\pm 0.5$ ppm                            |
|    | Between 3 and 5     | $\pm 1.0$ ppm                            |
|    | Between 5 and 10    | $\pm 2.5$ ppm                            |
|    |                     |  |
| L3 | Between 0 and 1     | $\pm 0.25$ ppm                           |
|    | Between 1 and 3     | $\pm 0.5$ ppm                            |
|    | Between 3 and 5     | $\pm 1.0$ ppm                            |
|    | Between 5 and 10    | $\pm 2.5$ ppm                            |
|    | Strip or comparator | Within 1 increment of the expected value |

# ITS' NSF Certified Photometers

## eXact iDip



Photometer  
Part No. 486101



Pool eXact EZ Photometer  
Part No. 486201



Spa eXact EZ  
Photometer  
Part No. 486202



Chlorine + eXact EZ  
Photometer  
Part No. 486205



Well eXact EZ  
Photometer  
Part No. 486203