



**Water Analysis:**  
On Site  
Real Time  
Accurate Results

## Quantitative Results in Less Than One Minute

- Measures contaminant metals in drinking water, environmental and industrial waters
- No special knowledge of chemical analysis required
- One instrument measures multiple contaminants
- Highly sensitive and selective to **low ppb ranges.**

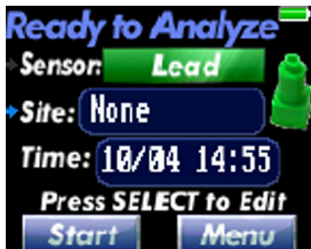
**Lead**  
**Copper**  
**Uranium**  
**Mercury**  
**Cadmium**  
**Zinc**



ANDalyze 1100 Handheld Fluorometer works with all ANDalyze Sensors

### Features

- **Results in One Minute**  
Quick, simple menu navigation and one button push for sample analysis.
- **Fluorescence Based Measurement**  
DNAzyme reaction produces quantitative fluorescence based results.
- **Sensor Kit**  
Each disposable color coded sensor is designed for a specific heavy metal. Kits provide everything needed for analysis.
- **Data Capture & Reporting**  
Time and date stamped and site labeled results. Data downloadable and unit recharging through a USB cable.
- **Safe and Maintenance Free**  
CE-marked, water and dust resistant with IP54 enclosure rating.  
Free software upgrades via USB connection over the Internet.
- **Video Training On-board**  
Embedded instructional video trains users without additional documentation.
- **Supports Multiple Languages**  
Selectable display languages including English, Chinese, Spanish, Portuguese, and German.
- **Environmentally Friendly**  
Minimal waste, no harmful reagents or special disposal requirements.



For more information visit: [www.ANDalyze.com](http://www.ANDalyze.com)



# Broad Applications Extending Through Industrial, Environmental, Home Inspection, Schools

## Parameters & Specifications

Metal	Color	Range	Analyte
Lead	Green	2 - 100 ppb	Pb <sup>2+</sup>
Copper	Blue	0.1 - 2 ppm	Cu <sup>+</sup> /Cu <sup>2+</sup>
Uranium	Orange	2 - 60 ppb	Uranium VI, UO <sub>2</sub> <sup>2+</sup>
Mercury	Silver	2 ppb (over/under) 50 ppb limit	Hg <sup>2+</sup>
Zinc	White	1 - 15 ppm	Zn <sup>2+</sup>
Cadmium	Yellow	0.1 - 1 ppm	Cd <sup>2+</sup>



ANDalyze Kit

## EPA Validated Technology

ANDalyze offers a handheld fluorometer and sensors for field analysis of soluble heavy metal content in water supplies. The unit provides accurate readings in seconds, and is a breakthrough in efficiency, accuracy and ease of use for field applications. No special skills, chemistry knowledge, hazardous materials or harmful reagents are required. Overall costs are minimized by reducing complexity and testing time.

## DNAzyme Technology

ANDalyze's proprietary Catalytic DNA sensors use a DNAzyme reaction that fluoresces in the presence of a target contaminant such as lead. Fluorescence is measured to determine the soluble concentration of the target heavy metal and is reported in parts per billion (ppb). The analysis is performed by taking a 1 milliliter water sample, injecting it through the sensor, and into the fluorometer. Without additional intervention, the sample is then analyzed and results are reported in less than one minute.

Drinking Water



Wastewater



Surface Water



Food Safety



Mining



To purchase, call Alpha Measurement Solutions

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