

# HSA-1000 Lead & Copper Analyzer

Ensure the dissolved lead and copper concentration levels in your drinking water distribution system meet EPA standards with the Hach Scanning Analyzer HSA-1000.



Meters & Probes

The portable HSA-1000 is an easy-to-use, accurate, cost-effective instrument for monitoring lead and copper concentrations. Using differential pulse anodic stripping voltammetry, a USEPA-approved methodology for determining total lead in drinking water that can also determine total copper\*, the HSA-1000 makes monitoring easy.

*\*The HSA-1000 method is approved by the USEPA only for determining lead concentrations, and acid digestion is required for reporting purposes. Hach Method 1001, Determination of Lead, for use in Lead and Copper Rule compliance monitoring.*

**EPA  
COMPLIANT**

## HSA-1000

Parameter	Lead	Copper
Calibration	Pre-calibrated electrodes (HSE-Pb)	Pre-calibrated electrodes (HSE-Cu)
Analysis Time	3 minutes	3 minutes
Range	2-100 µg/L	50-2000 µg/L
Detection Limit	2 µg/L	50 µg/L
Resolution	1 µg/L	1 µg/L
Precision	+/-5% CV at 15 µg/L	+/-5% CV at 250 µg/L
Operating Temperature	15-30°C	15-30°C

## Prod. No. Description

- 5040000 HSA-1000 Analyzer for Lead and Copper**  
Includes an instrument, a manual, a soft-sided carrying case, two electrode caps and test tube holders, and eight AA batteries. (Sensor Packs must be ordered separately.)
- 5040100 Sensor Pack for Lead (10 tests)**  
Includes 10 HSE-Pb scanning electrodes, 10 PrepTab™ PT-Pb sample preparation tablets, 10 sample tubes, and crushing rods.
- 5040200 Sensor Pack for Copper (10 tests)**  
Includes 10 HSE-Cu scanning electrodes, 10 PrepTab™ PT-Cu sample preparation tablets, 10 sample tubes, and crushing rods.

## Specifications\*

### Internal Memory

Stores up to 300 readings

### Display

Intelligent 2 x 16 character alphanumeric

### Output Interface

Output to printer or computer via RS-232 serial interface

### Power

Uses eight AA 1.5v batteries, auto switch-off

### Size

Instrument only, 170 x 130 x 55 mm

*\*Subject to change without notice.*

Find it here... Buy it today on [www.hach.com](http://www.hach.com)  
U.S. customers only.

