

**SENSIT<sup>®</sup> HCN**  
TOXIC GAS ANALYZER



**SENSIT<sup>®</sup> HCN** monitors and warns of dangerous levels of Hydrogen Cyanide!

MADE IN USA



# SENSIT<sup>®</sup> HCN

## TOXIC GAS ANALYZER

Use the SENSIT<sup>®</sup> HCN to conduct Hydrogen Cyanide and Carbon Monoxide checks during "Post Fire" clean up.

SENSIT<sup>®</sup> HCN with its rugged construction and powerful rotary pump, hot air probe and bright LCD display makes it perfect for testing ambient air and hot gas samples. Infrared communication allows printing of test results to a compact printer (accessory) or PC simple and convenient.

The SENSIT<sup>®</sup> HCN is available with HCN and CO (optional) sensing features. When equipped with both features the instrument will simultaneously display HCN and CO readings for thorough testing.

### HCN Standard Features

- Internal Pump
- Water/Dust Filter
- Push Button Operation
- Field Calibration
- Date/Time Display
- Operation Memory
- Calibration Memory
- Infrared Download
- Audible/Visual Alarms
- Backlit LCD Display
- Hard Carrying Case
- Programmable Auto Shut Off

### HYDROGEN CYANIDE (HCN): STANDARDS AND EFFECTS

#### HCN Effects on Humans:

Hydrogen Cyanide can cause rapid death due to metabolic asphyxiation. Death can occur within seconds or minutes of the inhalation of high concentrations.

<b>3,404ppm</b>	Death after 1 minute exposure
<b>270ppm</b>	Death after 6-8 minutes exposure
<b>181ppm</b>	Death after 10 minutes exposure
<b>135ppm</b>	Death after 30 minutes exposure
<b>10ppm</b>	OSHA permissible exposure limit (PEL)
<b>4.7ppm</b>	NIOSH recommended exposure limit (REL)

ppm = parts per million

Recent study estimations (Hathaway et al. 1991)

5.6% HCN lower flammable limits in air (percent by volume)  
40.0% upper flammable limits in air (percent by volume)



\*Contact Sensit Technologies for more info.



