

The Home of  
**JEROME®**



# JEROME® J605

## Gold Film Hydrogen Sulfide Analyzer

### APPLICATIONS

Agricultural Applications  
Ambient Air Analysis  
Applied Research  
Control Room Corrosion  
Monitoring  
Hydrogen Sulfide Source  
Detection  
Landfills  
Leak Detection  
Quality Control  
Regulatory Compliance  
and Permitting  
Scrubber Efficiency Testing

### CERTIFICATIONS

UL and CE  
ISO 9001:2008

MADE IN THE USA



ARIZONA INSTRUMENT LLC  
3375 N Delaware St | Chandler, AZ  
www.azic.com

The newest instrument from AZI is the Jerome® J605 Hydrogen Sulfide Analyzer. The Jerome® J605 can read as low as 3ppb with an incredible resolution to 20ppt.

The J605 is housed in a light and ergonomically designed case, setting a new precedence for low-level, portable monitors. The industry-proven, gold film sensor has been upgraded and improved from previous models, resulting in longer life expectancies.

### FEATURES

No PC Software Required  
20,000 Data Points | On-Board Data Logging  
Stores Date, Time and Locations  
USB Interface for Data Transfer  
Battery Powered Sensor Regeneration | 24 Hour Battery Life  
Detection H<sub>2</sub>S Levels as Low as 3 ppb  
SCADA Interface Capabilities via 4-20ma  
Functional Test Module (FTM) Verifies Instrument Functions Correctly Between Recommended Annual Factory Calibrations

### SPECIFICATIONS

Resolution	20 ppt (0.02 ppb) (range dependent)
Detection Range	3 ppb (0.003 ppm) - 10 ppm in three graduated ranges
Data Storage Capacity	20,000 samples
Operating Environment	0-40°C non-condensing, non-explosive
Accuracy	5 ppb      ±1 ppb (range 0) 50 ppb     ±3 ppb (range 0) 0.5 ppm    ±0.03 ppm (range 1) 5.0 ppm    ±0.3 ppm (range 2)
Typical Response Time	Dependent on Range and Mode MANUAL SURVEY MODE: 12-27 seconds AUTO SAMPLE MODE:    12-52 seconds MANUAL SAMPLE MODE: 12-27 seconds AUTO SAMPLE MODE:    12-52 seconds

Rentals Available  
24 Hour Customer Support

Sales Representatives  
800.528.7411 | 602.470.1414  
sales@azic.com

Extended Warranties and Parts  
800.528.7411 | 602.470.1414  
sales@azic.com

Flow Rate	150 ml/min (0.15 liters/min)
Power Requirements	12 VDC for the instrument (provided by the internal battery, AC power supply/charger, external battery pack or car accessory cable 100-240VAC, 47-63Hz, 3.2A for the AC power supply/charger)
Internal Battery Pack	Rechargeable nickel metal hydride (NiMH)
Dimensions	11" L x 6" W x 6.5" H
Weight	5.4 lbs.
Output	Digital: USB serial data to PC, printer or USB flash drive Analog: 4-20mA current loop (requires external power source) accurate to 0.3% of output
Warranty	1 year, factory parts and labor

#### ACCESSORIES

990-0217	Jerome Hard Carrying Case
990-0220	Jerome Soft Carrying Case
990-0225	10:1 Dilution Module
Y605-0901	Accessory Kit
Y605-0903	Maintenance Kit
Z2600 0918	Jerome Functional Test Module, 250 ppb, 115V
Y2600 0920	Functional Test Module (FTM) Accessory Kit
Z2600 0930	Jerome Functional Test Module, 30 ppb, 115V

#### PARTS

200-0143	Battery Pack Assembly
200-0170	Car Accessory Cable Assembly
2600 3039	.25 Fritware (1 pack of 20 fritware filter)
990-0214	External Battery Pack
990-0219	USB Memory Stick
Z2600 3905	Zero Air Filter
Z2600 3930	Scrubber Filter
Z2600 3940	Chlorine Filter

