Insight® Plus Combustion Analyzer

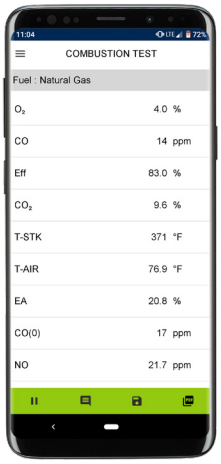
For Residential and Commerical Applications



DESCRIPTION

MSA Bacharach's Insight® Plus is the ideal combustion analyzer for both entry-level and experienced residential or commercial HVAC technicians providing readings for O_2, CO, CO_2, Combustion Efficiency, Temperature, & Draft. Bacharach's exclusive Tune-Rite™ software allows for fast and simple combustion analysis and troubleshooting to ensure safe operating conditions and determine combustion efficiency. The Insight® Plus is available with precalibrated, Sensor Exchange Program gas sensors to minimize downtime and maintenance costs. The Combustion mobile app (available for Android & iOS) allows users to create and send customizable combustion reports on-site.

Features	Benefits
Readings for O_2, CO, CO_2, Combustion Efficiency, Temperature, & Draft	All-in-one tool making combustion tuning fast and simple
Industry-exclusive Tune-Rite On-demand HVAC Assistant	Analyzes combustion data and provides real-time troubleshooting suggestions
Combustion App	Quickly create custom reports with comments and send via email (available for Android & iOS).
Long Life O_2 Sensor (3 Year Warranty)	Reduced maintenance cost and downtime
Automatic Sensor Protection	Protects sensors in the toughest combustion environments, extending life
IR Printer with magnet	Print combustion and emissions reports in the field
Ambient CO Monitor	Check for dangerous levels of ambient CO



Generate Custom Reports with the Combustion App

Download on the App Store

Available on the Android App Store

MORE INFORMATION:

Scan the QR code to learn about the Insight® Plus and other MSA Bacharach products.

SAFEGUARDING
PEOPLE, PLACES, & THE PLANET

Insight® Plus Combustion Analyzer

Specifications	Description
O_2	20.9%
CO (W/ INTEGRATED NOX FILTER)	0 to 4,000 ppm
STACK TEMPERATURE	-4 to 1,202°F (-20 to 650°C)
AMBIENT TEMPERATURE	-4 to 600°F (-20 to 316°C)
DRAFT / DIFFERENTIAL PRESSURE	±40 inH2O (±10 mbar)
FUELS	Natural Gas, Coal, Oil 2/4/6, Wood, Kerosene, Propane, Butane, LPG, B5, KOKS, LEG, Biofuel and two optional custom fuels

Product Details	Description
DISPLAY	2.8" (72 mm) backlit, color LCD
DISPLAY LANGUAGES	English, Spanish, French
POWER	4 × AA Disposable Alkaline Batteries ≈ 15 hours
SIZE (H × W × D)	8.0" × 3.6" × 2.3" (20.3 × 9.1 × 5.8 cm)
WEIGHT	1 lb. (0.45 kg) including batteries
MEMORY	100 records
COMMUNICATIONS	USB 2.0 (mini-B), IrDA
APPROVALS	CE, EN 50379-1 & -3
WARRANTY	2 years (including sensors) 3 years for long-life O_2 sensor, if equipped

Part Number	Description
0024-8517	Fyrite® Insight® Plus (analyzer, 12" probe, 6" sample hose assembly, 3 × particulate filters, protective rubber boot and rugged protective carrying case)
0024-8518	Fyrite® Insight® Plus & Reporting Kit (IrDA wireless printer, USB cable and Fyrite® User Software)

** Siegert configurations available.*

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Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit https://us.msasafety.com/Trademarks.

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