

FLAME PACK 400



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FLAME PACK 400 Hydrocarbon Gas Detector

The Flame Pack 400 is a hydrocarbon gas detector that utilizes hydrogen flame ionization (HFI) detection mode. The Flame Pack is very compact and can be easily carried anywhere a person can walk, crawl, or climb.

The Flame Pack operates silently and can be refueled in under a minute with a readily available 40% Hydrogen, 60% Nitrogen fuel mixture.

When the Flame Pack 400's "search" range is selected, hydrocarbon gases are detected in ambient air in amounts as low as one part per million (PPM) which will trigger the audible alarm. A "center" 5000 PPM range can then be utilized to center any detected gas leaks.

The Flame Pack 400's sample intake rate of approximately 240 cubic centimeters per minute (cc/min) extends battery and filter life. This also minimizes intake of contaminants and reduces service and maintenance requirements.

Flame Pack 400 Attachments

The Flame Pack 400 can be mounted on an automobile, All Terrain Vehicle (ATV), and other approved vehicles. In mounted configurations, the Flame Pack 400 increases leak survey productivity, coverage, and effectiveness. The Flame Pack 400 can easily be removed for portable survey and CGI pinpointing use. The blower draws samples into six drag tubes, and an alarm amplifier mounted inside the case produces a loud sound and activates a bright red signal as the device alarms. Using these added survey methods will allow you to increase both productivity and the areas that can be surveyed.



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Flame Pack 400 Specifications

Ignition Type:	Piezoelectric spark
Initial Start-Up Tie:	5 to 15 minutes
Sample Intake Flow Rate:	220-240 cc/min
Response Time:	2-3 seconds
Operating Noise:	None
Hydrocarbon (Methane) Sensitivity:	Less than 0.5 ppm
Fuel Type:	Mix of 40% Hydrogen and 60% Nitrogen Gas
Fuel Capacity:	300 cc at 1800 psi
Fuel Consumption Rate:	225 psi/ hr +/- 20%
Endurance with Full Fuel:	Approximately 8 hours
Battery Type:	9 volt alkaline; 2 each
Battery Life:	Approximately 3-4 days continuous, 1-2 weeks with typical usage
Instrument Weight:	5 lbs.
Carry Case:	Fiberglass reinforced nylon case 22"L x 17"W x 9"H
Shipping Weight:	18 lbs.
Visual Alarm (LED):	Flame Out
Audible Alarm:	Hydrocarbon Detection
Hydrocarbon Readout Meter:	0-100 uA
Hydrocarbon Alarm Preset:	40-50% full scale
Flex Probe Dimensions/ Weight:	18-31 inches (45.7-78.7 cm) 1 lb. (0.45 kg)

Ordering Information:

-  SCC 100.400 [Part Number]
Flame Pack Model 400 with foam-lined carrying case, DVD disk with instructional video, and operations and service manual PDF.
-  SCC 272.491 [Part Number]
Flame Pack Model 400 spare parts kit, batteries, and filter kit.
-  SCC 100-180 [Part Number]
Flame Pack Model 400 RK3 calibration kit (excludes test gas cylinder).

Contact Us:

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