GAS FREE ENGINEER KIT

AEL Range: 2-880044260 to 4261

A laminated inventory list should be provided with this kit.

GAS FREE ENGINEER KIT

Quantity Required

KIT - GAS FREE ENGINEER-DC

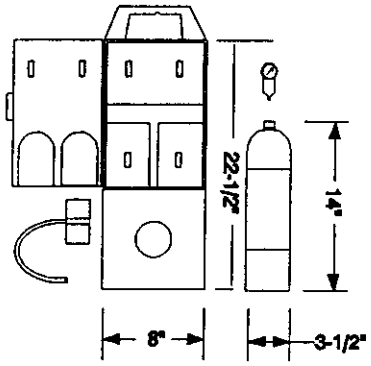
1H 0000-LL-CQA-2456

This kit identifies all equipment used for the function of detecting the presence of poisonous and volatile fumes and gas, and to determine oxygen deficiency in a given compartment. Individual items are listed on AEL #2-880044260 and in alphabetical order in this guide.

CALIBRATION KIT - BIO-SYS
FOUR GAS ANALYZER
FOR MODEL 3210-LAP

NSN 4240-LL-TRP-5533

WT. 4.7 lbs. **VOL.** 810.0 in.^{3}



1

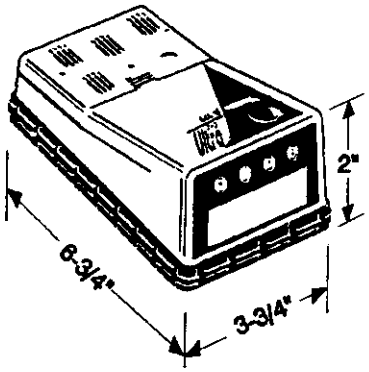
Helpful Hints:

Actual Inventory: ☐

FOUR GAS ANALYZER
INDICATOR
MODEL 3210-LAP

NSN 4240-LL-TRP-8965

WT. 22.0 oz. **VOL.** 53.6 in.^{3}



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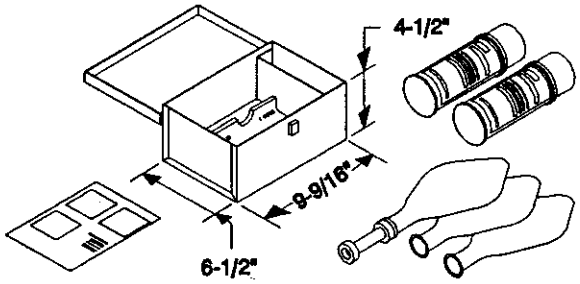
Helpful Hints: Carrying case is 19 lbs, 2,432 in.^{3}.

Actual Inventory: ☐

GAS FREE ENGINEER KIT

Quantity Required

OPERATIONAL TEST/CHECK KIT
FOR COMBUSTIBLE
GAS INDICATOR PORTABLE
NSN 6665-00-188-4542
FOR BACHARACH GN TYPE "E" II



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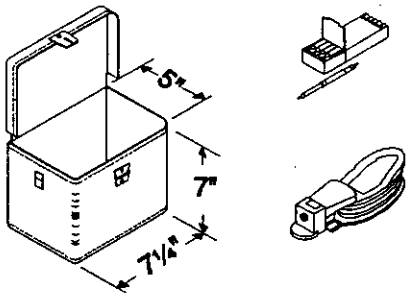
WT. 5.0 lbs. **VOL.** 279.6 in.^{3}

Helpful Hints: Utilize operational test/check kit that matches equipment manufacturer onboard. Test kit for the Bacharach GN Type "E" II Combustible Gas Indicator only, requires test gas acetylene P/N 51-2270.

Actual Inventory: ☐

DETECTOR KIT - GAS TOXIC
"DRAEGER" MOD 400

NSN 6665-00-710-7815



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WT. 3.0 lbs. **VOL.** 253.8 in^3

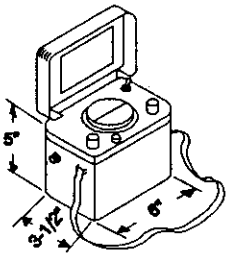
Helpful Hints:

This NSN provides stowage case and bellows pump. Tubes must be ordered separately. NSTM 074 Vol 3 provides guidance on gas free engineering. See AEL 2-870004169 for list of additional tubes.

Actual Inventory: ☐

INDICATOR - COMBUSTIBLE GAS
PORTABLE, GN TYPE "E" II
(AEL 2-870004050)

NSN 6665-00-292-9945



WT. 6.0 lbs. **VOL.** 105.0 in.^{3}

Helpful Hints: Utilize Combustible Gas Indicator onboard. Test Kit NSN: 9G 6665-01-188-4542. Requires Test Gas Acetylene P/N 51-2270.

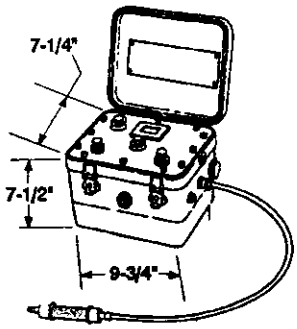
Actual Inventory:

GAS FREE ENGINEER KIT

Quantity Required

INDICATOR - COMBUSTIBLE GAS
BACHARACH (MODEL 514)

NSN 6665-00-294-8859



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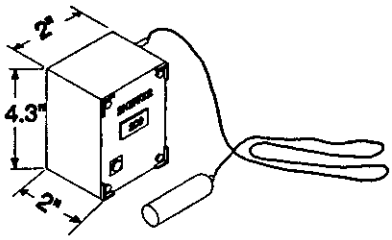
WT. 11.0 lbs. **VOL.** 534.3 in.^{3} (indicator)
WT. 30.0 lbs. **VOL.** 4,431.0 in.^{3} (indicator w/ carrying case)

Helpful Hints: Utilize Combustible Gas Indicator onboard. Bacharach Model 514 Combustible Gas Indicator comes with the test kit on initial issue. If there is a need to replace test kit, open purchase kit. Cal gases, methane P/N 51-2394, 9G 6830-01-370-8166 or hydrogen P/N 51-2395, 9G 6830-01-360-1866. Includes indicator, hydrogen cal. tank, 5 ft hose assy, regulator assy, O_2 cell assy, probe assy, carrying strap, drying tube, 12V DC charger cord, 120V charger cord, 230 VAC charger cord, sample line kit, 15 ft hose assy and methane cal tank.

Actual Inventory: ☐

INDICATOR - OXYGEN
MODEL 103

NSN 6680-01-209-5449



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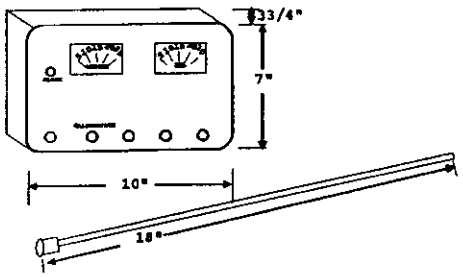
WT. 0.7 lbs. **VOL.** 17.2 in.^{3}

Helpful Hints: Utilize oxygen indicator onboard.

Actual Inventory: ☐

INDICATOR - OXYGEN/COMBUSTIBLE
(MODEL 260)

NSN 6665-01-115-7666



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WT. 7.5 lbs **VOL.** 262.5 in.^{3}

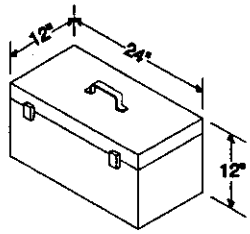
Helpful Hints: Utilize oxygen/combustible meter onboard. MSA Model 260, Part No. 449900. Cal Kit Model R - Part No. 466193, Penetane NSN 6665-01-297-1039. Charging cable included. Tube, 18" probe, line strap assy, carrying harness, sample line, regulator 1.5 L/M. Sample line 15 ft.

Actual Inventory: ☐

GAS FREE ENGINEER KIT

Quantity Required

TOOL BOX - PORTABLE
24" x 12" x 12"



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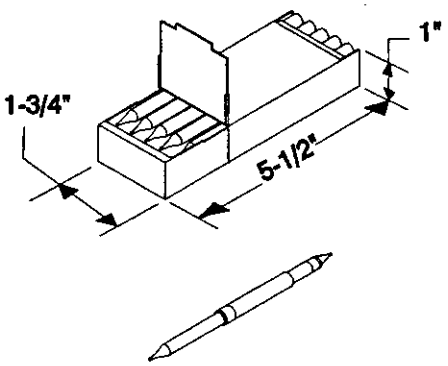
NSN 5140-00-226-9018

WT. 14.0 lbs. **VOL.** 3,456.0 in^3

Helpful Hints: Utilize existing tool box or substitute one of approximate size. Used for gas free engineer's equipment.

Actual Inventory: ☐

TUBE -



1 of each box

NSN 6665-00-769-0945	CARBON DIOXIDE
NSN 6665-00-769-0949	CARBON MONOXIDE
NSN 6665-01-102-9485	ETHYLENE OXIDE
NSN 6665-01-384-1508	HYDROCARBON 2
NSN 6665-00-769-0959	HYDROCYANIC ACID
NSN 6665-01-010-7959	HYDROCHLORIC
NSN 6665-01-010-7960	HYDROGEN FLUORIDE
NSN 6665-01-010-7961	HYDROGEN SULPHIDE
NSN 6665-01-010-7963	NITROGEN DIOXIDE
NSN 6665-01-010-7965	PHOSGENE
NSN 6665-01-010-7969 (BOX OF 10)	VINYLCHLORIDE(BOX OF 10)

WT. 0.3 oz **VOL.** 9.6 in^3

Helpful Hints: NSN provides a box of 10 tubes per box. Utilize POP system to order Draeger tubes direct from manufacturer in Pittsburgh, PA. See NSTM 074 Vol 3 Appendix I for procedures and tube information. Order ethylene oxide tubes as required.

Actual Inventory: ☐