

PRODUCT DATA SHEET

AC2685 Refrigerant Leak detector

Leaktronic



Product Code: AC2685A

Product name: Leaktronic-5 Refrigerant leak detector

Description:

Leaktronic 5 is a microprocessor controlled leak detector with advanced digital signal processing. Highly sensitive to most commonly used refrigerants - HFCs, HFOs, HCFCs and Hydrocarbons - Leaktronic-5 will detect small leaks down to 3g per year. Its air suction system gives fast response and higher sensitivity.

Leaktronic 5 is an essential tool in your armoury for detecting gas leaks in refrigerant system.



Features and Technical characteristics			
7 tri-coloured visual LED leak level indicators		Ambient concentration reset	
Heated Semiconductor gas sensor		Automatic zero and background compensation	
3 sensitivity levels: High – Medium - Low		Long life DC brushless fan	
Detectable gases (Full list on page 2)	HFO-1234yf, R134a, R1234ze, R404A, R410A, R600A, R290, R407C, R410a, R12, R22, R32, and most other refrigerants gases containing HFO, HCFC, HFC, & combustibles		
Compliance	SAE1627, CE		
Sensitivity: 3 levels	High	Medium	Low
	3g/annum	15g/annum	30g/annum
Alarm	Variable intensity audio plus tri-colour LED bar indicator		
Power	2x AA size Alkaline batteries		
Battery life	Approx 7 hrs normal use, with low battery indicator		
Warm-up time	45 seconds		
Auto power off	10 minutes (Can be disabled)		
Unit dimensions	222 x 65 x 51 mm	Flexible tube length	40cm (15 1/2")
Weight	430 grams, with batteries	Wt. with the carry case	1.075 grams
Bar Code	5016233004864	HAR Code	9026 1029 00
Operating Temp/humidity	0°C - 40°C / <80% RH	Storage Temp/humidity	-10°C – 60°C / <70% RH
Country of Origin	Made for Primalec in Taiwan	HAR Code	9026 1029 00
Packing	AC2685A –carry case included – 10 per outer carton – 60x40x37cm – 120/pallet		
Replacement Sensor	AC2685-S		

Note: Although Hydrogen is detectable with Leaktronic-5, Leaktronic-4's hydrogen specific sensor is best Also available – our full range of leak detection solutions:.

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Full list of refrigerants detected

ASHRAE No.	Name	ASHRAE No.	Name
R-12	Dichlorodifluoromethane	R-407C	R-32/R-125/R-134a (23/25/52)
R-22	Chlorodifluoromethane	R-407D	R-32/R-125/R-134a (15/15/70)
R-32	Difluoromethane	R-407E	R-32/R-125/R-134a (25/15/60)
R-50	Methane	R-407F	R-32/125/134a (30±2/30±2/40±2)
R-113	1,1,2-Trichlorotrifluoroethane	R-408A	R-125/R-143a/R-22 (7/46/47)
R-113a	1,1,1-Trichlorotrifluoroethane	R-409A	R-22/R-124/R-142b (60/25/15)
R-121	1,1,2,2-Tetrachloro-1-fluoroethane	R-409B	R-22/R-124/R-142b (65/25/10)
R-121a	1,1,1,2-Tetrachloro-2-fluoroethane	R-410A	R-32/R-125 (50/50)
R-122	1,1,2-Trichloro-2,2-difluoroethane	R-410B	R-32/R-125 (45/55)
R-122a	1,1,2-Trichloro-1,2-difluoroethane	R-411A	R-1270/R-22/R-152a (1.5/87.5/11)
R-122b	1,1,1-Trichloro-2,2-difluoroethane	R-411B	R-1270/R-22/R-152a (3/94/3)
R-123	2,2-Dichloro-1,1,1-trifluoroethane	R-412A	R-22/R-218/R-142b (70/5/25)
R-123a	1,2-Dichloro-1,1,2-trifluoroethane	R-413A	R-218/R-134a/R-600a (9/88/3)
R-123b	1,1-Dichloro-1,2,2-trifluoroethane	R-414A	R-22/R-124/R-600a/R-142b (51/28.5/4.0/16.5)
R-124	2-Chloro-1,1,1,2-tetrafluoroethane	R-414B	R-22/R-124/R-600a/R-142b (50/39/1.5/9.5)
R-124a	1-Chloro-1,1,2,2-tetrafluoroethane	R-415A	R-22/R-152a (82/18)
R-125	Pentafluoroethane	R-415B	R-22/R-152a (25/75)
R-E125	Pentafluorodimethyl ether	R-416A	R-134a/R-124/R-600 (59/39.5/1.5)
R-130	1,1,2,2-Tetrachloroethane	R-417A	R-125/R-134a/R-600 (46.6/50.0/3.4)
R-130a	1,1,1,2-Tetrachloroethane	R-418A	R-290/R-22/R-152a (1.5/96/2.5)
R-131	1,1,2-Trichloro-2-fluoroethane	R-419A	R-125/R-134a/R-E170 (77/19/4)
R-131a	1,1,2-Trichloro-1-fluoroethane	R-420A	R-134a/R-142b (88/12)
R-131b	1,1,1-Trichloro-2-fluoroethane	R-421A	R-125/R-134a (58/42)
R-132	Dichlorodifluoroethane	R-421B	R-125/R-134a (85/15)
R-132a	1,1-Dichloro-2,2-difluoroethane	R-422A	R-125/R-134a/R-600a (85.1/11.5/3.4)
R-132b	1,2-Dichloro-1,1-difluoroethane	R-422B	R-125/R-134a/R-600a (55/42/3)
R-132c	1,1-Dichloro-1,2-difluoroethane	R-422C	R-125/R-134a/R-600a (82/15/3)
R-132bB2	1,2-Dibromo-1,1-difluoroethane	R-422D	R-125/R-134a/R-600a (65.1/31.5/3.4)
R-133	1-Chloro-1,2,2-Trifluoroethane	R-423A	R-134a/R-227ea (52.5/47.5)
R-133a	1-Chloro-2,2,2-Trifluoroethane	R-424A	R-125/R-134a/R-600a/R-600/R-601a (50.5/47/.9/1/.6)
R-133b	1-Chloro-1,1,2-Trifluoroethane	R-425A	R-32/R-134a/R-227ea (18.5/69.5/12)
R-134	1,1,2,2-Tetrafluoroethane	R-426A	R-125/R-134a/R-600/R-601a (5.1/93/1.3/.6)
R-134a	1,1,1,2-Tetrafluoroethane	R-427A	R-32/R-125/R-143a/R-134a (15/25/10/50)
R-245fa	1,1,1,3,3-Pentafluoropropane	R-428A	R-125/R-143a/R-290/R-600a (77.5/20/.6/1.9)
R-290	Propane	R-449A	R32/R125/R1234yf/ R134a
R-400	R-12/R-114 (60/40 wt%)	R-452A	R-32/R-125/R-1234yf (11/59/30)
R-401A	R-22/R-152a/R-124 (53/13/34)	R-463A	
R-401B	R-22/R-152a/R-124 (61/11/28)	R-500	R-12/R-152a (73.8/26.2)
R-401C	R-22/R-152a/R-124 (33/15/52)	R-501	R-22/R-12 (75/25)
R-402A	R-125/R-290/R-22 (60/2/38)	R-502	R-22/R-115 (48.8/51.2)
R-402B	R-125/R-290/R-22 (38/2/60)	R-507a	R-125/R-143a (50/50)
R-403A	R-290/R-22/R-218 (5/75/20)	R-513a	R-1234yf/R-134a (56/54)
R-403B	R-290/R-22/R-218 (5/56/39)	R-600a	Isobutane
R-404A	R-125/R-143a/R-134a (44/52/4)	R-610	Diethyl ether
R-405A	R-22/R-152a/R-142b/R-C318 (45/7/5.5/42.5)	R-702	Hydrogen
R-406A	R-22/R-600a/R-142b (55/04/41)	R-717	Ammonia
R-407A	R-32/R-125/R-134a (20/40/40)	R-1234yf	2,3,3,3-Tetrafluoroprop-1-ene
R-407B	R-32/R-125/R-134a (10/70/20)	R-1234ze	1,3,3,3-tetrafluoropropene
		R-1270	Propene (Propylene)
			5%Hydrogen(H2) + 95%Nitrogen(N)