



Preliminary Data

FEATURES :

- LED Tip Light
- Mute Function
- Low battery indication
- LED power indicator
- Sensor failure indicator (KM 312)
- Start-up melody (KM 312)
- USB power adaptor (KM 312)
- Rugged flexible probe
- 3 adjustable sensitivity levels
- DC 3.7V rechargeable lithium battery(KM 312)
- Multiple colors LED for leak level indicator
- Extremely sensitive heated diode sensor
- Automatic adjustment & reset to background (KM 312)
- Detects R-134a, R-410a, R-407c & R-22 etc.
- Microcontroller circuitry that guarantees accuracy & reliability

APPLICATIONS :

- Refrigeration
- Air conditioning
- Laboratory accurate
- Systems engineering
- Semiconductor production
- HVAC, Automotive service
- Aircraft construction industry

ELECTRICAL SPECIFICATIONS : KM 310 / KM 312

Models	KM 310	KM 312
Sensor	Heated Diode	
Refrigerants	R-22, R-134a, R-404a, R-410a, and all CFCs, HCFCs and HFCs	
Sensitivity levels	High 0.25 oz/year (7g/year) Medium 0.5 oz/year (14g/year) Low 0.99 oz/year (28g / year)	High 0.15 oz/year (4g/year) Medium 0.25 oz/year (7g/year) Low 0.5 oz/year (14g/year) (Compatibility with SAEJ2791)
Reset	Manually reset to background level	Automatically reset to background level
Response Time	NO	Less than 0.5 seconds
Warm up time	Approx. 90 seconds	Approx. 45 seconds
Battery Type	9V battery	3.7V DC. 800mAh rechargeable lithium battery
Battery life	Approx. 13hours continuous use	Approx. 2.5 hours continuous use when fully charged.
Charging time	NO	3 hours in all @400mA, 32°F~133°F (0°F~45°C)
Sensor failure indication	NO	YES
Audio alarm	YES (Buzzer)	YES (Speaker)
Pump system (Fan)		YES
Auto power off	10 minutes of idle	
Low battery indicator	YES	
Tip light	YES	
Flexible probe length	18" (450mm)	
Operating temp. and %RH.	32°F ~ 122°F (0°C ~ 50°C), <80%RH	
Storage temp. and %RH.	14°F ~ 140°F (-10°C ~ 60°C), <70%RH	
Dimensions	184 (L) x 70 (W) x 40 (H)mm	
Weight	Approx. 280g.	Approx. 300g.
Accessories	Instruction Manual, Carrying case, Leak test bottle	Instruction Manual, Carrying case, Leak test bottle AC adapter, Holster

Note: All Specification are Subject to change without prior notice.