

ARA

SINGLE GAS DETECTION



ARA is a personal, disposable single gas detector for H₂S, CO, SO₂, O₂ that provides instantaneous alarms for life-critical safety scenarios

ARA IR LINK*

The IR Link enables ARA to communicate with a PC using infrared. The ARA PC allows users to download 30 recent event logs and configure user settings including:

- User ID
- Low alarm
- High alarm
- Displayed data (live reading or life-time remaining)
- Calibration interval
- Bump Test interval
- Self Test interval

APPLICATIONS

- Oil & gas
- Manufacturing
- Government & defence
- Water
- Aerospace
- Power generation
- Site wide safety
- Confined space entry
- Plant shutdown processes
- First response safety

SELF TEST

ARA's self-test feature tests the audio, visual & vibrating alarms, giving users confidence that they are in safe hands. Easy to perform in a single button press and with user-configurable reminders, the self-test reassures users that their device is in safe working condition.



ION ARA DOCK4*

The ARA DOCK4 is a bump test and calibration station that can test up to 4 ARA Single Gas Detectors simultaneously reducing gas usage and testing time. The ARA DOCK4 is simple to operate and records calibration and bump test readings along with the serial number, date and time.

*ARA DOCK4 sold separately

KEY FEATURES

- 24 month or 36 month battery life options
- Easy to use with single button operation
- Live readings & instantaneous alarms to protect a users workforce in hazardous environments
- Event logging download
- Adjustable low & high alarms
- User-configurable calibration and bump test reminders
- Lifetime remaining countdown helps users to plan for future projects and site shutdowns



ARA

SPECIFICATIONS

Specifications subject to change without notice

Weight	92 g
Dimensions	87 x 50 x 29 mm
Gases	H ₂ S, CO, SO ₂ , O ₂
Operating life	24 months continuous (standard). Up to 36 months with hibernation (H ₂ S and CO models only)
Hibernation	Available for H ₂ S and CO models. Maximum 12 months accumulated hibernation
Operating temperature (H ₂ S, CO, SO ₂)	-40°C to 60°C
Operating temperature (O ₂)	-30°C to 60°C
Humidity	5 to 95% RH
Sampling	Diffusion
Alarm types	Low alarm, High alarm, OVER alarm
Alarm methods	Audible, visual (LED), vibration
Self-test	Single button press tests audio, visual and vibration alarms
Event logging	30 most recent events downloadable via ARA IR Link
Configurable settings via IR Link	User ID, low alarm, high alarm, calibration interval, bump test interval, self-test interval
Docking station	ARA DOCK4: simultaneous bump testing and calibration of up to 4 units
Ingress Protection	IP67
Warranty	2 years (standard). 3 years (hibernation models)
Certifications	Intrinsically safe. Declaration of Conformity to EU standards



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