ARA DOCK4
Bump Test & Calibration Station

Overview

ION Science's ARA DOCK4 streamlines gas detector maintenance with automatic bump test and calibration capabilities. Efficiently testing up to 4 ARA Single Gas Detectors at once, ARA DOCK4 minimises gas consumption and testing duration. ARA DOCK4 is compatible with all ARA models (ARA 100/100H/200/200H/300/400) to perform essential procedures for device maintenance.
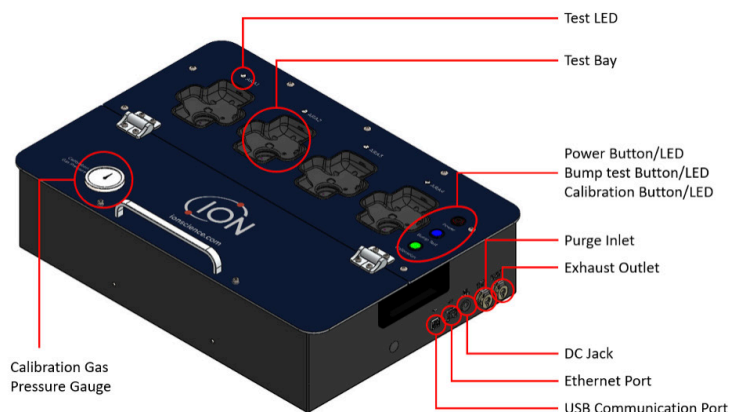
ARA models available

The ARA has 6 different models

ARA Models	Model Number
Hydrogen Sulphide (H$_2$S)	ARA100
Carbon Monoxide (CO)	ARA200
Oxygen (O$_2$)	ARA300
Sulphur Dioxide (SO$_2$)	ARA400
Hydrogen Sulphide (H$_2$S) Hibernation Option	ARA100H
Carbon Monoxide (CO) Hibernation Option	ARA200H

With a simple, single-button operation, ARA DOCK4 seamlessly handles critical tasks such as bump testing, calibration, vibration alarm testing, LED testing, and event log transfers. Additionally, it conveniently logs ARA unit serial numbers, along with corresponding test dates and times.

Featuring user-configurable Firmware options via USB, ARA instruments can be quickly and efficiently upgraded. With its internal battery for rapid deployment and standalone operation, ARA DOCK4 can be mounted on walls or desks for added flexibility. Additionally, ARA DOCK4 features an internal storage space for gas cylinders which adds to its compact and user-friendly design.

Pioneering Gas Sensing Technology.

ionscience.com

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Specification

Dimensions
496.8 x 340 x 115 mm (20 x 13.4 x 4.5 in)

Weight
7kg (without gas cylinder)

Operating temperature
5°C ~ 40°C(+41°F to +104°F)

Data Storage
Internal USB 2.0 Memory Stick (16GB) for event log

Humidity
10% to 90% non-condensing

Sensors
Audio and Optical

Battery
Lithium-Ion Battery Pack, ST-LI-29E 2S1P, 2INR19/65 7.4V, 2,750mAh, 20.08Wh

Battery Charging Time
3 hours

Battery Life
5 hours (based on 4 ARA's inserted)

Tests
Bump, Calibration, Data Transfer, Audible Alarm, Visual Alarm

Power Supply
Supply Voltage:
- Input: 110-240V a.c, 50/60Hz Max 0.5A
- Output: 12 V d.c, 1.5A
Power Rating
- 12 V d.c, 1.5A (Adapter)
- 7.4V d.c., 2,750mAh (Internal Battery)

Gases Available
H2S (25 ppm), CO (100ppm), O2 (18%), SO2 (10ppm) (adjustable)

Gas Cylinder
Compatible with 116L (3.5"Ø x 15.25"), C10 valve

Gas Connection
Built-in

Gas In/Out
1 ambient air (purge) inlet with 1/8" hose
1 exhaust outlet with 1/8" hose

Warranty
Full 2 years from shipment

Description	Order Number
ARA 4-Station Docking Station	ARADOCK4
Wall Mount Kit for ARA Dock4	908224
Carry Case for ARA Dock4	908223

Contact Us

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