

DSX

DOCKING STATION



Distributed by:
Air-Met Scientific Pty Ltd

Air-Met Sales/Service

P: 1800 000 744

F: 1800 000 774

E: sales@airmet.com.au

Air-Met Rental

P: 1300 137 067

E: hire@airmet.com.au

W: www.airmet.com.au

INDUSTRIAL
SCIENTIFIC



THE DSX **DOCKING STATION**

The DSX™ Docking Station easily maintains the gas detectors that keep your people safe in hazardous environments.

YOUR GAS DETECTORS **READY WHEN YOU NEED THEM**

Know that your instruments are ready for use every day, every shift,
without the burden of manual maintenance routines.





COMPRESSED
GAS, N.O.S.



CAUTION: HIGH PRESSURE GAS. DO NOT
EXCEED WORKING PRESSURE. DO NOT
EXCEED WORKING TEMPERATURE. DO NOT
EXCEED WORKING WEIGHT. DO NOT
EXCEED WORKING VOLUME. DO NOT
EXCEED WORKING SPEED. DO NOT
EXCEED WORKING TIME. DO NOT
EXCEED WORKING DISTANCE. DO NOT
EXCEED WORKING HEIGHT. DO NOT
EXCEED WORKING DEPTH. DO NOT
EXCEED WORKING WIDTH. DO NOT
EXCEED WORKING LENGTH. DO NOT
EXCEED WORKING AREA. DO NOT
EXCEED WORKING RANGE. DO NOT
EXCEED WORKING ZONE. DO NOT
EXCEED WORKING FIELD. DO NOT
EXCEED WORKING REGION. DO NOT
EXCEED WORKING TERRITORY. DO NOT
EXCEED WORKING COUNTRY. DO NOT
EXCEED WORKING WORLD.

YOUR CALIBRATION GAS **THERE BEFORE YOU RUN OUT**

Stop worrying about calibration gas and let DSX monitor and order replacement gas cylinders when you need them.

YOUR SOFTWARE **UPDATED UPON RELEASE**

Effortlessly manage your fleet, data, and software updates from any web-enabled device.



Equipment
View my list of connected equipment



Schedule
Schedule events to occur automatically



Users
Manage my users and recipients of email alerts/reports



Alarms
View alarms and other



Health
View a dashboard indicating the health of my safety program

Reports
Access detailed reports of current and past activities



YOUR PEOPLE
**BACK HOME AT THE
END OF EVERY SHIFT**

ONE DOCKING STATION **THREE MODES**

Choose the out-of-the-box solution that best fits your needs.

WHERE DO YOU WANT **YOUR DATA?**

DSX

STANDALONE



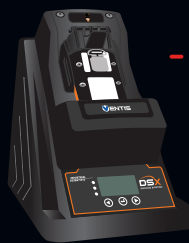
DSXi

CLOUD-CONNECTED



DSX-L

LOCAL SERVER



DSX

STANDALONE



The DSX in standalone mode is a simple out-of-the-box gas detector maintenance station that requires no PC or network configuration.

- Easy bump testing and calibration of instruments upon dock.
- Automated record keeping with direct USB data storage eliminates concerns about storage space or losing compliance data.
- Automatic printing of bump and calibration certificates (with direct connect printer) provides hardcopy printouts for hot work and confined space entry.
- Automatic instrument wake-up and battery charging.
- Auto detection of calibration gas type and expiration date upon cylinder connection.



With the use of a DSXi activation key, the DSX in standalone mode becomes a cloud-connected, fully automated instrument maintenance station. There is no need to send anything back for activation – all upgrades are easily performed in the field.

DSXi

CLOUD-CONNECTED



The DSXi in cloud-connected mode is an automated maintenance, record storage, and fleet management solution.

- Bump test and calibration schedules can be tracked and set to be performed automatically, ensuring that instruments are ready for use prior to the start of a shift.
- Cloud-based data storage provides peace of mind with automatic file back-up and easy recovery in case of unexpected data loss.
- Effortlessly manage your fleet, data, and software updates from any web-enabled device.
- Email alerts and notifications provide information on worker exposure and instrument usage, as well as instrument service needs.
- Stop worrying about calibration gas. The optional auto calibration gas replenishment program provides an efficient way to manage your calibration gas usage and needs. New cylinders will be shipped to you when you need them.

DSX-L

LOCAL SERVER



The DSX in local server mode provides the option to automatically store data from all docking stations behind a corporate network firewall, addressing network and data storage restrictions or preferences.

- Bump test and calibration schedules can be tracked and set to be performed automatically, ensuring that instruments are ready for use prior to the start of a shift.
- Automatic instrument wake-up and battery charging.
- Company and application specific instrument settings are easily set up from within the company network.
- Configure reports to provide the data you want, when you want it.
- Calibration gas status indicators provide warning to order replacement gas before a cylinder is empty.

WHAT'S YOUR MODE?

	 Standalone	 Cloud-connected	 Local Server
Record Storage	USB	Cloud	PC, Server
Bump and Cal	✓	✓	✓
Print Certificates	✓	✓	✓
6-Ports (Optional)	✓	✓	✓
Reports		✓	✓
Fleet Management		✓	✓
Event Scheduling		✓	✓
Email Alerts		✓	
Auto Software Updates		✓	
Auto Cal Gas Replenishment (Optional)		✓	
Price	\$	\$\$	\$\$\$
Software	Not Applicable	Included	Included

INSTRUMENT CONFIGURATIONS

PART NUMBER	DESCRIPTION
18109327-ABC	Ventis® MX4, Ventis® Pro Series
18109329-ABC	MX6 iBrid®
18109330-ABC	Tango® TX1
18109331-ABC	GasBadge® Pro
18109396-ABC	SafeCore® Module
-ABC	A – DSX Mode: 0 = DSX Standalone 1 = DSXi Cloud-connected 2 = DSX-L Local Server B – Number of Gas Inlet Ports: 3 = 3 Ports 6 = 6 Ports C – Power Cord Type: 1 = North America 2 = Europe 3 = Australia 4 = UK

KITS*

18109400	DSX Standalone Kit: Tango TX1 (H ₂ S)
18109401	DSX Standalone Kit: Ventis MX4, Ventis Pro Series (LEL, CO, H ₂ S, O ₂)
18109404	DSXi Cloud-connected Kit: Tango TX1 (H ₂ S)
18109405	DSXi Cloud-connected Kit: Ventis MX4, Ventis Pro Series (LEL, CO, H ₂ S, O ₂)

ACCESSORIES

18109406	DSX to DSXi Activation Certificate
18105684	iGas® Reader
18105924	5-Port Gas Regulator Manifold Clamp
18105932	6-Port Gas Regulator Manifold
17113887	Ethernet Cable, 5' (Cat5E network cable)
17113895	Ethernet Cable, 10' (Cat5E network cable)
17113903	Ethernet Cable, 25' (Cat5E network cable)
17113945	5-Port Ethernet Hub
17109919	Fresh air filter

PHYSICAL SPECIFICATIONS

WARRANTY

Two-year warranty – DSX (Standalone) and DSX-L (Local Server)
Guaranteed For Life™ Program** – DSXi (Cloud-connected)

INSTRUMENTS SUPPORTED

GasBadge Pro, MX6 iBrid, Tango TX1, Ventis MX4, Ventis Pro Series, SafeCore

DIMENSIONS

GasBadge Pro, Tango TX1: 22.7 x 16.9 x 27.3 cm (8.92 x 6.65 x 10.75 in)
Ventis MX4, Ventis Pro Series: 24.9 x 16.9 x 27.3 cm (9.83 x 6.65 x 10.75 in)
MX6 iBrid: 25.3 x 16.9 x 27.3 cm (9.96 x 6.65 x 10.75 in)
SafeCore: 27.3 x 16.9 x 29.2 cm (10.75 x 6.65 x 11.5 in)

GAS INLETS

3-Port Version: One “fresh” air port, two calibration gas ports
6-Port Version: One “fresh” air port, five calibration gas ports

PUMP FLOW RATE

1.2 SCFH (550 mL / min)

COMMUNICATION

10 / 100 Ethernet support, RJ-45 Category 5 Connection

DISPLAY

128 x 64 Dot Matrix LCD – Multilingual modes
English, Spanish, French, German and Portuguese***

PERFORMANCE SPECIFICATIONS

TEMPERATURE RANGE

0 °C to 50 °C / 32 °F to 122 °F

HUMIDITY RANGE

0% to 80% relative humidity (RH) up to 30 °C (86 °F), decreasing linearly to 50% RH at 50 °C (122 °F)

EXTERNAL POWER SUPPLY RATINGS

Supply voltage: 100-240 VAC / 12 VDC
Frequency range: 50-60 Hz
Current rating: 5A

***DSX Docking Station Kits Include:** Choice of Standalone or Cloud-connected 3-port DSX Docking Station, 116L calibration gas (appropriate mix) with demand flow regulator with iGas® pressure switch, USB storage device (Standalone only).

**Specific terms of the Guaranteed for Life™ Program are included with all products and are available upon request.

***DSX-L (Local Server) does not support Portuguese.

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www.indsci.com/dsx

AMERICAS

Phone: +1-412-788-4353
1-800-DETECTS (338-3287) | info@indsci.com

ASIA PACIFIC

Phone: +65-6561-7377
Fax: +65-6561-7787 | info@ap.indsci.com

EMEA

Phone: +33 (0)1 57 32 92 61
Fax: +33 (0)1 57 32 92 67 | info@eu.indsci.com