

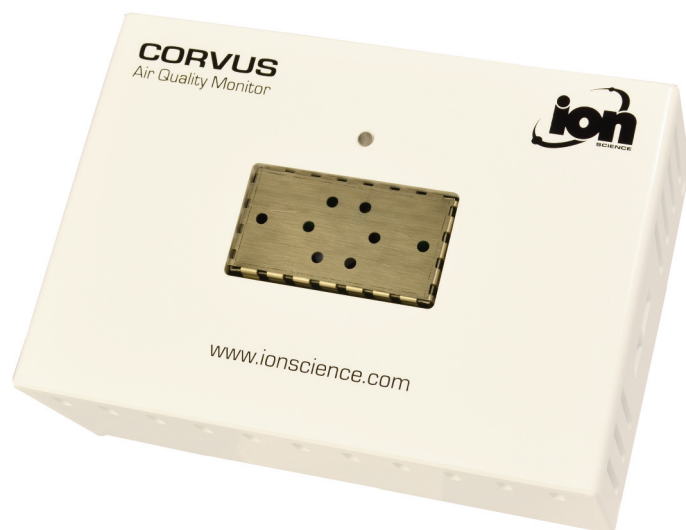


Corvus

Wireless VOC Monitor for Indoor Air Quality.



Continuous monitoring and data logging of low level VOCs, temperature, humidity and atmospheric pressure found in public buildings.



Best available photoionisation (PID) detection

- Detects a wide variety of Volatile Organic Compounds (VOCs) including Benzene, Tetrachloroethylene & Styrene
- Includes temperature, barometric pressure & humidity sensors
- Low level parts-per-billion (ppb) sensitivity
- Gathers continuous high quality data for detailed analysis
- Humidity resistant PID technology
- PID independently verified as best performing on the market

Wireless communication and interactive software

- Wireless network connectivity for multiple point monitoring
- Interactive software for enhanced data handling
- Multiple data collection via a single monitor
- Intelligent mapping software shows movement of gases

Convenience

- Time saving; eliminates multiple site visits and spot checks
- Compact size; multiple deployment using minimal space
- Sleek design blends well into workspace environment
- Simple multicoloured LED displaying wireless status, sampling status and connection to system

Safety

- Ensures a safe indoor working environment for personnel

The Ion Science Corvus is a continuous, wireless VOC monitor specifically designed for Indoor Air Quality monitoring ensuring safe working environments from hazardous VOC gases.

The Corvus IAQ monitor utilises unrivalled, high sense technology detecting VOCs down to low part-per-billion (ppb) levels measuring compounds with its 10.6 eV lamp. Corvus includes sensors for temperature, barometric pressure and humidity helping to identify the actual source of VOCs present.

Corvus continuously monitors and datalogs high quality data for detailed analysis. The collection of long-term information eliminates the need for frequent site visits and spot checks, saving both time and money.

The Corvus IAQ monitor utilises intelligent interactive mapping software showing real trend data captured from each room, giving a true picture of what is really happening within the environment. Data can be downloaded from a group of up to twenty Corvus monitors, but managed via just one instrument.

Small, sleek and compact in design, Corvus allows deployment of multiple monitors around the building via wireless connectivity, whilst blending well into the environment and using minimal space.

The instrument's PID sensor technology has been independently verified as best performing for speed, accuracy and humidity resistant operation. Its unique Anti-contamination and patented Fence Electrode Technology provide extended run time in the most challenging environments, giving you accurate and reliable results.

Typical gases detected include

Benzene, Ethyl benzene, Styrene, Tetrachloroethylene, Trimethylbenzene, Toluene and Xylene.

Applications include

- Indoor Air Quality (Sick Building Syndrome)
- Process Evaluation
- Emission level monitoring from buildings

Accessories

Corvus is supplied with an exclusive range of accessories. Visit www.ionscience.com/corvus for more info.

Distributed by:



Rivium 2e straat 12
2909 LG Capelle a/d IJssel
T: 010 - 2 888 000
F: 010 - 2 888 010
verkoop@euro-index.nl
www.euro-index.nl

CORVUS TECHNICAL SPECIFICATION

SENSITIVITY

PID : 5 ppb
Temperature: 0.1 °C (0.18 °F)
Relative humidity: 0.04%
Barometric pressure: 0.72 mbar (72 Pa), (0.2% full scale)

DETECTION RANGE

PID: 0-50 ppm (isobutylene equivalent)
Temperature: -40 °C to +125 °C (40 °F to 257 °F)
Relative humidity: 0-99% (non condensing)
Barometric pressure: 700 mbar to 1060 mbar (70 KPa to 106 KPa)

ACCURACY

PID: +/- 5 ppb displayed reading + 1 digit
Temperature: +/- 1 °C of reading + 1 digit
Relative humidity: +/-4% of reading + 1 digit @ 25 °C between 10 and 90% RH
Barometric pressure: +/- 1.5% displayed reading + 1 digit (FSD)

WIRELESS NETWORK

Type: mesh
Corvus to Corvus range (open field): up to 12 metres (39.3ft)
Maximum number of Corvus in group: 20 max
Wireless frequency: 2.4 GHz. IEEE802.15.4 compliant transceiver.

DATA LOGGING

Data logging: 18,755 points (individual Corvus)
Data logging: 8900 points (Network of 20 Corvus)
Data log options: 1 min, 10 min, 1 hr

POWER

Mains power supply: 100-240 Vac (15 Watts)
Cover power input: 12 Vdc

COMMUNICATION

Corvus to PC: USB
Corvus to Corvus: wireless via a network

WEIGHT & DIMENSIONS

Height: 68 mm, 2.7"
Width: 176 mm, 6.9"
Depth: 123 mm, 4.8"
Weight (unpacked): 400 gr, 14.1 oz

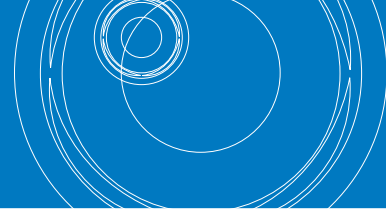
Corvus V1.2 This publication is not intended to form the basis of a contract and specifications can change without notice.

Manufactured by:

Ion Science Ltd
The Way, Fowlmere,
Cambs, SG8 7UJ, UK
T: +44 (0) 1763 208 503
E: info@ionscience.com
www.ionscience.com



Service van EURO-INDEX b.v.



EURO-INDEX b.v. verleent service op alle meetinstrumenten uit haar leveringspakket en biedt de faciliteiten, kennis en hoog gekwalificeerd personeel voor (preventief) onderhoud, reparatie en kalibratie van uw meetinstrumenten.

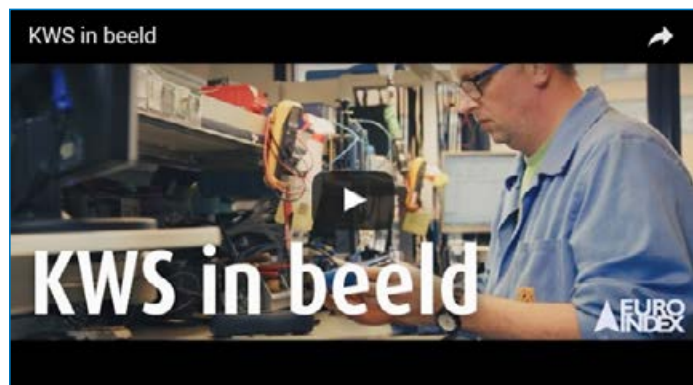
Geautoriseerd Service Centrum

EURO-INDEX b.v. is van alle vertegenwoordigde merken een Geautoriseerd Service Centrum.

Dit betekent dat uw instrumenten worden behandeld door goed opgeleid en kundig personeel, dat beschikt over de juiste gereedschappen en software. Er worden uitsluitend originele onderdelen toegepast en de garantie van uw instrument, evenals de certificering (ATEX, EN50379, etc.) blijven intact.

Service en kalibratielaboratorium

EURO-INDEX b.v. beschikt over een bijzonder modern service- en kalibratielaboratorium met RvA accreditatie naar NEN-EN-ISO/IEC 17025. Deze accreditatie geldt voor verschillende grootheden, zoals gespecificeerd in de scope bij accreditatienummer K105.



Bekijk de video en ontdek alles over KWS

KWS®

KWS is een uniek servicesysteem voor uw meetinstrumenten met periodiek onderhoud en kalibratie. Veel zaken worden voor u geregeld, zodat u zonder zorgen gebruik kunt maken van uw meetinstrumenten. De kosten zijn laag en voorspelbaar.

Digitale toegang tot uw kalibratiecertificaten met Mijn KWS

Via het Mijn KWS webportal heeft u altijd en overal beschikking over uw kalibratiecertificaten en gerelateerde documenten.

Verhuur van meetinstrumenten

- Uitgebreid assortiment
- Deskundig advies
- Instrumenten worden geleverd met accessoirepakket en herleidbaar kalibratiecertificaat

EURO-INDEX Academy

- Producttrainingen (individueel en klassikaal)
- Seminars
- Demonstratie- en instructievideo's



Servicebalie



Kalibratie rookgasanalyse



Seminars en workshops



Kalibratie thermografie

Wijzigingen voorbehouden EURO-INDEX® NL 16003



NEderland
Rivium 2e straat 12
2909 LG Capelle a/d IJssel
T: 010 - 2 888 000
F: 010 - 2 888 010
verkoop@euro-index.nl
www.euro-index.nl



BELGIË
Leuvensesteenweg 607
1930 Zaventem
T: +32 - (0)2 - 757 92 44
F: +32 - (0)2 - 757 92 64
info@euro-index.be
www.euro-index.be