

# Dräger Scio Four Family

Four compact and flexible solutions for precise O<sub>2</sub>, CO<sub>2</sub>, and anesthetic gas concentration determination anywhere you need it.



D-36265-2009

## ACCURATE REAL-TIME GAS MEASUREMENT

Dräger Scio gas measurement modules deliver precise inspiratory and expiratory values for O<sub>2</sub>, CO<sub>2</sub>, and anesthetic agents such as N<sub>2</sub>O, enflurane, halothane, isoflurane, sevoflurane and desflurane. Results are transferred to a Dräger Infinity® monitor and displayed both in real time and as derived values.

## SCALABLE SOLUTIONS FOR EVERY APPLICATION

There are four different Scio models to choose from. Options include automatic anesthetic agent recognition and integrated O<sub>2</sub> measurement, which means that there is a Scio solution to suit practically any desired measurement application.

The modular design of the Scio Four Family makes it both flexible and scalable. This means you get just the system you need – no more, no less.

## ENHANCED INTRAOPERATIVE PATIENT SAFETY

Dräger Scio modules do more than just measure gas concentrations in the breathing circuit. In combination with Dräger Infinity monitors, MAC values for anesthetic agents are displayed, helping you to avoid under- and overdose. This means you can maintain optimal gas concentrations while making sure that ventilation is adequate. You also have the option to measure inspiratory and expiratory O<sub>2</sub> concentrations using a paramagnetic oxygen sensor. This consumption-free measurement method results in reduced costs for you.



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Dräger Scio Four Oxi plus

Device name	Automatic agent ID	Integrated O <sub>2</sub> measurement
Scio Four Oxi plus	Yes	Yes
Scio Four plus	Yes	No
Scio Four Oxi	No	Yes
Scio Four	No	No

## WATERLOCK® 2: ENHANCED CONTAMINATION PROTECTION

The Scio Four Family now come equipped with the new WaterLock 2 water trap. The 2 µm pores of its dual hydrophobic membrane design let gases and water vapor pass freely with minimal pressure gradients while effectively preventing microbial contamination and condensation. Even under challenging conditions such as minimal flow anesthesia where heavy condensation can be a problem, accurate capnography is assured. Sample and purge gases remain free from condensation. Highly economical, the Waterlock 2 can be emptied as often as necessary and only requires monthly replacement.

## MADE FOR INFINITY® AND BEYOND

The Dräger Scio Four Family was specially designed for use with Dräger Infinity monitoring systems\*. Just plug in the Scio and your Infinity monitor will display all the values generated. Your Dräger representative can help you determine which Dräger Infinity monitors are best for you.

\*Delta, Delta XL, Kappa, Gamma XL, Gamma X XL (all Scio Four versions) and Vista XL (not available in all countries)

Please contact your local representative for further information.



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The quality management system at Dräger Medical GmbH is certified according to ISO 13485, ISO 9001 and Annex II.3 of Directive 93/42/EEC (Medical devices).