

BAUER B-DETECTION TEST- AND CALIBRATION GASES

NOW AS A SUITCASE COMPLETE WITH TESTING EQUIPMENT



B-DETECTION ACCESSORIES

- › High-quality case including pressure relief valve
- › Includes all test and calibration gases and pressure reducer
- › All test and calibration gases can be ordered individually from our warehouse

OPTIMUM MAINTENANCE – THE BASIS FOR HIGH-PRECISION MEASUREMENT



If an incident occurs, operators of filling systems must provide proof that only pure, clean air has been used in their filling operations. BAUER B-DETECTION PLUS Gas Measurement Systems conduct continuous and reliable measurements of all standard gases covered by the DIN EN 12021:2014 Breathing Air Standard. This provides users of breathing air with the maximum safety and certainty.

Cylinders are filled with pure air only, ensuring that divers, firefighters and other users are supplied with pure breathing air that complies with the regulations of DIN EN 12021:2014.

Special BAUER gas blends for highest-precision measurement results

BAUER gas blends are tailored precisely to the measurement sensor systems, providing the basis for highly accurate measurement results. The sensors of B-DETECTION systems must be calibrated annually and tested at least every three months.

To ensure measurements are performed to the highest precision by the gas measurement system and lengthen the service life of the device, we recommend the following inspection intervals:

Inspection Types	Intervals
Function check /Calibration	Before each use / Every 3 months
CO, O ₂ sensor replacement	By failure
Inspection records	Every 3 years

BAUER'S QUALITY FACTOR NO. 1

All our gas blends are tailored to the sensor technology of our systems. They have a BAUER-guaranteed shelf life of two years from the manufacturing date.

QUESTIONS AND ANSWERS ABOUT BAUER TEST AND CALIBRATION GASES

WHO CAN USE THE B-DETECTION TEST KIT?

The Calibration and Test Gas Kit contains the basic set of all test and calibration gases for your B-DETECTION PLUS Gas Measurement System. It is designed for local operators seeking to test and calibrate their systems at regular intervals, and also for technicians and appropriately trained individuals tasked with replacing sensors.

The Test Gas Kit contains the basic set of all test gases for your B-DETECTION PLUS Gas Measurement System. It is designed for local operators seeking to test their systems at regular intervals.

CAN TEST GAS CYLINDERS BE PURCHASED INDIVIDUALLY?

Of course. This flyer lists the order numbers you need to repurchase the test gases.

HOW ARE THE GAS CYLINDERS SHIPPED?

Compressed gas cylinders can be shipped by sea or road. However, given the hazard class of gas cylinders, air transport might be prohibited (depending on the country group of the destination) or involves significant extra costs.

Please check the shipping terms before ordering (dangerous goods ID of 1-litre containers: UN2037).



BAUER'S QUALITY FACTOR NO. 2

Our guarantee: every batch of products is tested using ultra-precise analysis processes and 100% documented.

B-DETECTION CALIBRATION AND TEST GAS KITS: CONTENTS

CALIBRATION AND TEST GAS KIT, COMPLETE: 180907-KD¹

Contents in detail	Number	Comments	Order number
Case	1x	For test/calibration gases, with inlay	N42895
Pressure reducer	1x	For gas cylinders for testing and calibration, 1 litre/12 bar	N42334
Calibration gas	1x	12 litres / Calibration gas Low for CO, CO ₂ , VOC	N42328
Calibration gas	1x	12 litres / Calibration gas High for CO, CO ₂ , O ₂	N42330
Test gas	1x	12 litres / Test gas for CO, CO ₂ , O ₂ and High gas for VOC	N42332
Calibration gas	1x	12 litres / Calibration gas Low for O ₂	N40706

TEST GAS KIT, SMALL: 181590-KD¹

Contents in detail	Number	Comments	Order number
Case	1x	For test gases, with inlay	N40381
Test gas	2x	12 litres / test gas for CO, CO ₂ , O ₂ and High Gas for VOC	N42332
Pressure reducer	1x	For gas cylinders for testing and calibration, 1 litre/12 bar	N42334

TEST GAS KIT, LARGE: 181336-KD¹

Contents in detail	Number	Comments	Order number
Case	1x	For test gases, with inlay	N42895
Test gas	4x	12 litres / test gas for CO, CO ₂ , O ₂ and High Gas for VOC	N42332
Pressure reducer	1x	For gas cylinders for testing and calibration, 1 litre/12 bar	N42334

TOOLS / AUXILIARIES LARGE BOTTLES

Tools / Auxiliaries large bottles	Bestellnummer
High calibration gas CO, CO ₂ and O ₂ : 300 litre / 150bar @ 2 litre bottle	N43678
Low calibration gas (zero gas) CO, CO ₂ and VOC: 300 litre / 150bar @ 2 litre bottle	N43677
Low calibration gas (zero gas) O ₂ : 300 litre / 150bar @ 2 litre bottle	N43680
Pressure regulator + PUR-hose 300 litre connection	N43809
Test gas CO, CO ₂ , O ₂ and high calibration gas VOC, 300 litre / 150bar @ 2 litre bottle	N43679

¹ Also available as single part without case

BAUER QUALITY FACTOR NO. 3

Our outstanding quality extends to our accessories: the high-quality pressure reducer we supply includes a flow rate and residual pressure display.

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Subject to technical changes