



Westfalen

Speciality Gases Practice 11

Flexibility on the move.

The Alumini® Smart Box from Westfalen.



Our portable gas kit for you.

Westfalen. Gas solutions from one source

We are Westfalen. Effective in business, successful in development. With our range of more than a thousand gases and gas mixtures, we continue to work every day to find innovative solutions for your gas applications, each reliably and precisely tailored to your unique requirements to make your day-to-day operations more flexible and more efficient.

Alumini® – simple diversity

For customers who only need small amounts of gases, whether permanently or occasionally, for example for mobile applications, we've developed our Alumini® mini-containers offering an economical and practical alternative to our conventional, rather bulky and heavy, high-pressure containers.

Alumini® Smart Box – giving you flexibility on the move

The practical Alumini® Smart Box offers you even greater flexibility for mobile use on-site. Each gas kit is individually assembled to the precise requirements of your application. It's equally well suited to medical use for blood analysis as it is for technicians' use as a flexible exhaust gas test kit, as well as a wide range of other gas applications. In your Alumini® Smart Box you'll have at your fingertips everything you need for obtaining precise results: the Alumini® mini-container in your preferred size, complete with the required withdrawal fittings, in a secure case for use on the road.

The right case:

- the contents of the case can be assembled to your requirements
- we'll provide your gas mixture with the corresponding withdrawal fittings for the application
- complementary advice
- the gas mixture and withdrawal fittings can also be re-ordered individually

Alumini® Smart Box with corresponding Alumini® mini-container			
	Alumini® 12	Alumini® 70	Alumini® 200
Filling pressure	12 bar	70 bar	up to max. 200 bar
Contents	ca. 12 l	ca. 112 l	up to max. 100 l
Weight	ca. 200 g	ca. 1,200 g	ca. 1,100 g
Geometric volume	1 l	1.6 l	0.5 l
Connection	7/16"	5/8"-18	to DIN 477 (specific to gas type)

Tailor-made.



Alumini® 12 Smart Box

Smart Box configuration:

For portable applications at operating pressures up to 12 bar: 2x Alumini® 12 with integrated 7/16" connection.

User: e.g. sports medicine

This calibration kit allows sports and health performance to be precisely measured, simply by analysing the air breathed. We provide you with the appropriate test gas for the spiroergometric research.



Alumini® 70 Smart Box

Smart Box configuration:

For portable applications at operating pressures up to 70 bar: 2x Alumini® 70 with integrated 5/8"-18 UNF connection.

User: e.g. fire services

This Alumini® Smart Box allows you to check portable measuring devices in the central workshop. The 5/8"-18 UNF connection means that in most cases no other fitting is needed. We're also happy to offer you any other additional fittings necessary. The test gas cylinder can be screwed directly onto the calibration unit.





Alumini® 200 Smart Box

Smart Box configuration:

For portable applications at operating pressures up to 200 bar: 2x Alumini® 200 with gas-specific withdrawal fittings.

User: e.g. hospitals

This calibration kit allows you to test and set the dosing of Respadur® A for NO administration equipments. The test gas is delivered to the NO administration equipment via a T-piece. Calibration of this equipment must be repeated every 3 months, and takes around 10 minutes. Calibration requires around 3-5 l of gas.



Outstanding features.



1 A pressure compensation valve ensures that no pressure can build-up in the case in the event of a leak.

2 Your company logo (small, or across the whole surface) can be applied to the outside of the case.

3 Space is provided on the back for the UN Number and hazardous goods label.

4 Holes are provided at right and left in this position allowing the case to be secured with a separate lock.



5 In accordance with legislation, the cylinders must always be accompanied by relevant transport documentation. The lid's foam lining is loose, allowing papers to be stored here.

6 Slots for shoulder strap or a backpack system.

- Internal dimensions: 384 x 264 x 164 mm (L x W x H)
- Thermally stable from -40 °C to +80 °C
- Stackable
- Valve protection provided
- Adequate ventilation must be provided
- The case is dustproof and air- and watertight

What you can expect from us.



We're distinguished by reliability and customer focus. What applications can we help you with?

Real service

Partnership and service are on everyone's lips these days. But at Westfalen we do what we say. Through our vast product range, from high-purity gases through to bespoke gas mixtures for our customers. And through our flexibility in terms of production plants and delivery formats – from cylinder logistics to future-proof engineering concepts. And through our people, all ready to help you with their specialist knowledge – from receptionists to engineers.

Call us

Put our service pledge and expertise to the test. We're happy to help you with detailed advice on our specialty gases - just get in touch!



Find your personal contact and more information at www.westfalen.com