



# OEM PRESSURE GAUGE





# / ACHIEVE

**FOR US, "ACHIEVING" IS NOT ONLY A GOAL AND CONCLUSION.**

Rather, it is our drive towards constant development and to being your partner of choice.  
We are aware of the responsibility and are ready to accept it:



OEM PRESSURE GAUGE

By providing excellently processed components for maximum reliability and utilising our innovative warehouse & logistics concepts ensuring seamless delivery. We measure ourselves by your success.

**MEASURE US BY IT!**

OEM PRESSURE GAUGE





# / THIS IS ASHCROFT

## DEVELOPMENT FROM TRADITION

When Edward Ashcroft founded our company in 1852, his mission was to protect the steam-powered industry and its workers by using more sophisticated and reliable instruments. Times have changed, but not our attitude. With a history of more than 165 years, of which more than 40 years with our own production in Europe, we have experienced and learned a lot. Together with our customers, we have mastered three industrial revolutions, survived global and regional conflicts and crisis's. We look forward to accompanying our customers with our products in the fourth industrial revolution as well.

## GLOBAL - REGIONAL - LOCAL

Globally positioned - regionally represented and locally available for you. With local contacts who speak your language and are ready to solve your challenges.

## OUR GREATEST STRENGTH

All of Ashcroft's products and services are the result of our exceptional people. We are all passionate about our common goal, the best customer satisfaction. Ashcroft is inspired of a common commitment to our work and to each other. Combining the talents of our diverse workforce makes us more competitive, resilient and better able to respond to the ever-changing needs of our customers and markets.

## OUR MOTIVATION

As a customer and partner, you are the focus of our attention. We are passionate about designing and producing the most innovative, high quality pressure and temperature measuring instruments on our planet.

## OUR VALUES

Our five corporate values are not abstract, but are lived by us, and every Ashcroft employee bases his or her daily actions on them.



## THINK CUSTOMER FIRST

Every measure, every plan and every project is aimed first and foremost at you, our customer. We see the world through your eyes.

## NEVER SETTLE / CHALLENGE THE STATUS QUO

What was true yesterday is not necessarily true today. At Ashcroft, we challenge each other to never be indifferent, to keep improving ourselves and the company.

## RESPECT EACH OTHER

We celebrate our diversity, share our ideas and intensify our collective thinking. We act and discuss in mutual respect and thus find better solutions.

## THINK BEYOND BORDERS

Across geographical borders. Beyond the factory. Beyond your own area of responsibility. Beyond the personal comfort zone.

## WIN AS A TEAM

The common goal is more important to us than our own.



DIVERSE

AVAILABLE

**/ ASHCROFT OEM PRESSURE GAUGE**

ECONOMIC

RELIABLE

OEM PRESSURE GAUGE

## / ASHCROFT OEM PRESSURE GAUGE

Ashcroft's OEM pressure gauge product line is a co-ordinated range of products specifically designed for pressure measurement in the industrial OEM industry.

An OEM customer-supplier relationship is always an individual relationship. We see it as our task to find optimal solutions for exactly your requirements and to implement these using the best components and sophisticated systems.

### PRODUCT PORTFOLIO

With a total of 6 series, all available in different sizes and various connection types, we offer you the right product for your individual application. – on request also cleaned for oxygen use.

### DELIVERY TRUST

We know about the importance of reliable availability, especially in the OEM sector. That is why we tailor our well thought-out storage and delivery concepts to your needs, in order to guarantee a complete supply for you and thus your process reliability.

This is our understanding of customer orientation.



OEM PRESSURE GAUGE

# / ASHCROFT UG1

OEM PRESSURE GAUGE / COPPER ALLOY WITH PLASTIC HOUSING



OEM PRESSURE GAUGE



## / TECHNICAL SPECIFICATIONS

<b>STANDARD</b>	/ EN 837-1	<b>CASE</b>	/ ABS plastic
<b>NOMINAL SIZES</b>	/ 40, 50, 63, 80, 100 mm	<b>BOURDON TUBE</b>	/ copper alloy
<b>CLASS OF ACCURACY</b>	/ 2,5 (40, 50 mm) / 1,6 (63, 80, 100 mm)	<b>PROCESS CONNECTION</b>	/ copper alloy
<b>MEASUREMENT RANGES</b>	/ vacuum up to 100 bar	<b>MOVEMENT</b>	/ brass
<b>WORKING PRESSURE</b>	/ 75 % of full scale	<b>LENS</b>	/ plastic
<b>OVERLOAD</b>	/ 120 % of full scale	<b>DIAL</b>	/ aluminium
<b>AMBIENT TEMPERATURES</b>	/ -20°C to 65°C	<b>ENCLOSURE RATING</b>	/ IP54
<b>PROCESS TEMPERATURE</b>	/ maximum 120°C		
<b>CONNECTION &amp; MOUNTING</b>	/ bottom connection / centre rear connection		
<b>OPTIONS</b>	/ cleaned for oxygen use / refrigeration version with temperature scale		

OEM PRESSURE GAUGE

## / TECHNICAL SPECIFICATIONS

<b>STANDARD</b>	/ EN 837-1	<b>CASE</b>	/ steel, powder-coated
<b>NOMINAL SIZES</b>	/ 40, 50, 63, 80, 100 mm	<b>BOURDON TUBE</b>	/ copper alloy
<b>CLASS OF ACCURACY</b>	/ 2,5 (40, 50 mm) / 1,6 (63, 80, 100 mm)	<b>PROCESS CONNECTION</b>	/ copper alloy
<b>MEASUREMENT RANGES</b>	/ vacuum up to 400 bar	<b>MOVEMENT</b>	/ brass
<b>WORKING PRESSURE</b>	/ 75 % of full scale	<b>LENS</b>	/ plastic
<b>OVERLOAD</b>	/ 120 % of full scale	<b>DIAL</b>	/ aluminium
<b>AMBIENT TEMPERATURES</b>	/ -20°C to 65°C	<b>ENCLOSURE RATING</b>	/ IP54
<b>PROCESS TEMPERATURE</b>	/ maximum 120°C		
<b>CONNECTION &amp; MOUNTING</b>	/ bottom connection / centre rear connection		
<b>OPTIONS</b>	/ cleaned for use with oxygen / Plexiglas or safety glass window / refrigeration version with temperature scale / red marking pointer		

## / ASHCROFT UG2

OEM PRESSURE GAUGE / COPPER ALLOY WITH STEEL CASE





# / ASHCROFT UG3 / 8008A

OEM PRESSURE GAUGE / COPPER ALLOY WITH STAINLESS STEEL CASE



OEM PRESSURE GAUGE



## / TECHNICAL SPECIFICATIONS

<b>STANDARD</b>	/ EN 837-1	<b>CASE</b>	/ stainless steel 304
<b>NOMINAL SIZES</b>	/ 40, 50, 63, 80, 100 mm	<b>BOURDON TUBE</b>	/ copper alloy
<b>CLASS OF ACCURACY</b>	/ 2,5 (40, 50 mm) / 1,6 (63, 80, 100 mm)	<b>PROCESS CONNECTION</b>	/ copper alloy
<b>MEASUREMENT RANGES</b>	/ vacuum up to 1000 bar	<b>MOVEMENT</b>	/ stainless steel
<b>WORKING PRESSURE</b>	/ 75 % of full scale	<b>LENS</b>	/ polycarbonate
<b>OVERLOAD</b>	/ 120 % of full scale	<b>DIAL</b>	/ aluminium
<b>AMBIENT TEMPERATURES</b>	/ -20°C to 65°C	<b>ENCLOSURE RATING</b>	/ IP65
<b>PROCESS TEMPERATURE</b>	/ maximum 120°C	<b>CONSTRUCTION</b>	/ crimped ring housing
<b>CONNECTION &amp; MOUNTING</b>	/ Connection bottom / Connection centre back (40, 50, 63, 80 mm) / Connection lower back (63, 80, 100 mm) / Connection centre back with front flange (40, 50, 63, 80 mm) / Connection centre back with U-clamp (40, 50, 63, 80 mm) / Connection lower back with front flange (63, 80, 100 mm) / Connection lower back with U-clamp (63, 80, 100 mm)		
<b>OPTIONS</b>	/ cleaned for oxygen service / liquid filling silicone oil / liquid filling glycerine / refrigeration version with temperature scale / safety glass / accuracy class 1		

OEM PRESSURE GAUGE

## / TECHNICAL SPECIFICATIONS

<b>STANDARD</b>	/ EN 837-1 / Helium leak test	<b>CASE</b>	/ stainless steel 304
<b>NOMINAL SIZES</b>	/ 40, 50, 63, 80, 100 mm	<b>BOURDON TUBE</b>	/ 316L stainless steel
<b>CLASS OF ACCURACY</b>	/ 2,5 (40, 50 mm) / 1,6 (63, 80, 100 mm)	<b>PROCESS CONNECTION</b>	/ 316L stainless steel
<b>MEASUREMENT RANGES</b>	/ vacuum up to 1000 bar	<b>MOVEMENT</b>	/ stainless steel 304
<b>WORKING PRESSURE</b>	/ 75 % of full scale	<b>LENS</b>	/ polycarbonate
<b>OVERLOAD</b>	/ 120 % of full scale	<b>DIAL</b>	/ aluminium
<b>AMBIENT TEMPERATURES</b>	/ -20°C to 65°C	<b>ENCLOSURE RATING</b>	/ IP66
<b>PROCESS TEMPERATURE</b>	/ 200°C	<b>CONSTRUCTION</b>	/ crimped ring housing
<b>CONNECTION &amp; MOUNTING</b>	/ Connection bottom / Connection centre back (40, 50, 63, 80 mm) / Connection lower back (63, 80, 100 mm) / Connection centre back with front flange (40, 50, 63, 80 mm) / Connection centre back with U-clamp (40, 50, 63, 80 mm) / Connection lower back with front flange (63, 80, 100 mm) / Connection lower back with U-clamp (63, 80, 100 mm)		
<b>OPTIONS</b>	/ cleaned for oxygen service / housing made of stainless steel 316 / movement made of stainless steel 316 / liquid filling silicone oil / liquid filling glycerine / refrigeration version with temperature scale / safety glass / accuracy class 1		

OEM PRESSURE GAUGE

## / ASHCROFT UG4 / 8008S

OEM PRESSURE GAUGE / STAINLESS STEEL VERSION



OEM PRESSURE GAUGE



UNDERSTANDING

RESPONSIBILITY

**/ ASHCROFT SERVICE**

ACCESSIBILITY

PARTNERSHIP

OEM PRESSURE GAUGE

## **/ ASHCROFT SERVICE & LOGISTICS**

Once in use, an OEM pressure gauge within an industrial machine, pump, compressor or other technical system is only one of many components.

For us, even the simplest pressure measurement technology means the whole world. With heart and mind we dedicate ourselves to the production and supply of your OEM pressure measurement technology.

**Together with you, we develop individual storage and delivery concepts and guarantee dispatch within 24 hours for all of Europe.**

With our excellent product quality and maximum delivery reliability, we take responsibility for your process reliability.

This is our understanding of an OEM partnership.

**MEASURE US BY IT!**



OEM PRESSURE GAUGE



**ASHCROFT**<sup>®</sup>  
Trust the shield.<sup>®</sup>

 [www.ashcroft.eu](http://www.ashcroft.eu)

ASHCROFT INSTRUMENTS GMBH • Max-Planck-Str. 1 • 52499 Baesweiler • GERMANY