

STIKO

TEMPERATURE
PRESSURE
CALIBRATION



PRICE LIST 2025

HIGH PRESSURE GAUGES

STIKO

GENERAL INFORMATION

- This price list is for **pressure gauges** manufactured by STIKO, "Made in Holland".
- The mentioned prices are NET prices in Euro on the basis of Ex-Works (Roden, The Netherlands) and include packaging costs.
- Prices are under usual reserve.
- STIKO can service the transportation to your address via UPS, in which case we will additionally invoice you the incurred UPS costs.

CERTIFICATION

- Certificates of Conformity to the company's published specifications are available on request for all STIKO manufactured products according to EN 10204 (2.2).
- Certificates of Calibration for all STIKO manufactured products are also available. These certificates indicate deviations from standards traceable to R V A - D K D (Dutch - German National Standards).

The results are recorded in a certificate which include calibration date, instrument serial number, type number and the R V A or D K D standard used.

- Material Certificates according to EN 10204 (3.1) for all STIKO manufactured products are also available in the form of certificate copies that indicate specifications of the materials used.

WARRANTY AND REPAIR SERVICE

- A warranty period of 24 months is applicable for all instruments.
- An efficient repair and spare part service is available at competitive rates for STIKO products as well as products of other manufacturers.

Instruments for repair should be sent carriage paid and labelled with the sender's name and address, together with a brief description of the work required.

Please note that instruments need to be cleaned before they are returned.

If the instrument is leaking, please seal it in a plastic bag.

If you need a repair quotation, please indicate this on your document.
Repair quotations cannot be made before inspection of the products.
Lead-times upon request.



STIKO has more than 60 years of experience in manufacturing state-of-the-art mechanical instruments in the area of **TEMPERATURE, PRESSURE and PRESSURE CALIBRATION**.

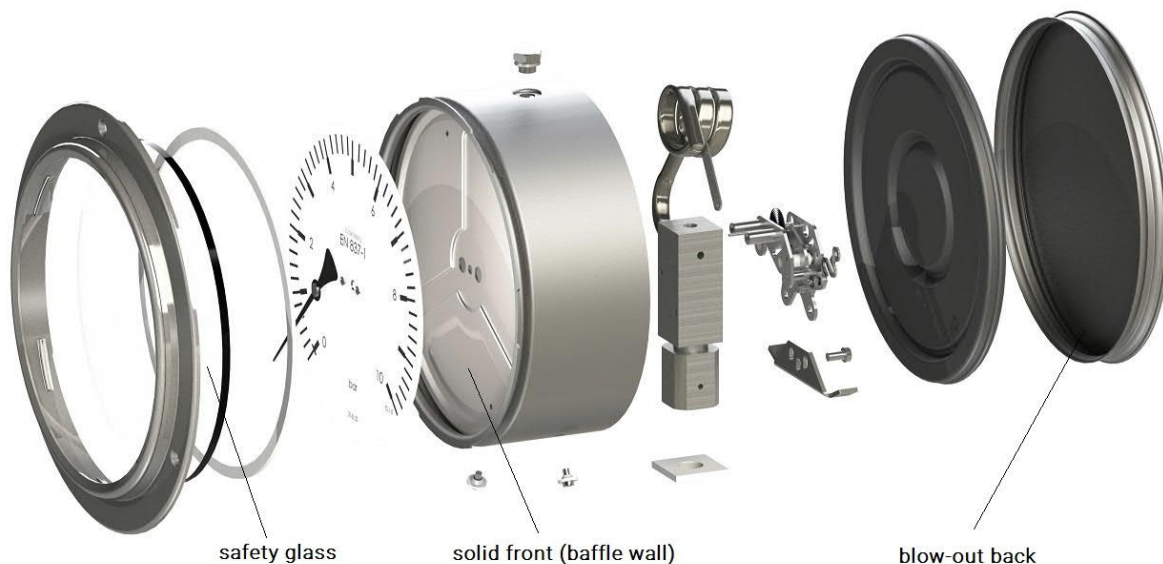
STIKO is ISO-9001-2015 approved and we develop and manufacture all our instruments according to PED (2014/68/EU).

STIKO - Industrieweg 5, 9301 LM Roden, The Netherlands.

STIKO High Pressure Gauges according to DIN16001

The DIN16001 standard for pressure gauges covers pressure levels higher than 1600 bar (25,000 psi). This standard adopts the S3 safety-pattern gauge from the EN837 standard as a basis for these high to extreme high pressure ranges and builds upon it, bringing only slight modifications to the requirements.

STIKO High Pressure Gauges meet all DIN16001 requirements for the ranges of 0-2000 bar (30,000 psi) and up to 0-7000 bar (100,000 psi). These gauges have a solid-front construction (shown below), are manufactured with safety glass and are specially marked with a circled "S" and with the DIN16001 standard on the dial.



STIKO High Pressure Gauges can be manufactured with magnetic, inductive, or electric contacts for ranges up to 0-3000 bar¹. Available certificates include calibration certificates, material certificates and certificates of conformity.

STIKO High Pressure Gauges are designed to withstand the most severe operating conditions, while providing the required protection to the operator standing in front of the gauge.

Typical applications concern liquid media in high-pressure applications (e.g. water, hydraulic oil), test benches, water-jet cutting, autofrettage or high-pressure cleaning.

¹ Not available with a microswitch.

STIKO

DIN 16001 Pressure Gauges

from 2000 bar / 30,000 psi
to 7000 bar / 100,000 psi



APPLICATION

Solid-front safety gauges
from STIKO are now
designed in accordance
with DIN 16001



SPECIFICATIONS

Design

DIN 16001 (with serial number)
S3 Safety-pattern model acc. to EN837

Casing

Ø100mm, Ø160mm
AISI 304 (AISI 316 on request)

Accuracy class

+/-1.0% Full scale or better

Wetted parts

AISI 316L / Ni Span C

Ingress Protection rating

IP65 per IEC/EN 60529

Pressure limitation

Steady: 3/4 x full scale value
indicated with ◀
Fluctuating: 2/3 x full scale value
Short time: Full scale value

Window

Laminated Safety Glass (laser marked SG)

Movement

Stainless steel AISI-304

Dial

White face with black printing

SAFE
DURABLE
PORTABLE

RELIABLE
COMPACT
RUGGED

SAFETY FEATURES

Meets standard-defined criteria of the category "S3: EN837" (safety pressure gauges with solid baffle wall and safety glass).

OPTIONAL

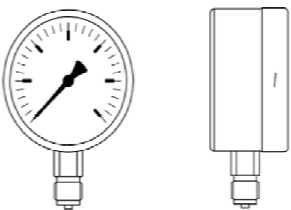
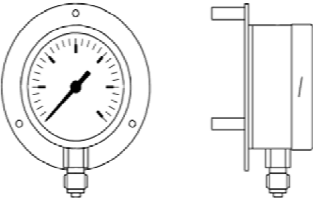
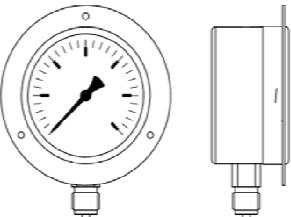
- > Panel mounting flange, stainless steel, wall mount
- > Filled case
- > Double scales
- > Other connections on request

"ALL-STAINLESS" SOLID-FRONT PRESSURE GAUGES, TYPE PBX-SF

TYPE PBX-SF, full safety pattern, range 2000 4000 bar

STANDARD MODEL according to DIN16001

CASE	: bayonet lock, AISI304/1.4301, IP-65 solid front & blow-out back S3 acc. to DIN 16001	RANGE	: 2000 bar - 4000 bar (30000 - 60000 psi) higher ranges see page 6
WETTED PARTS	: bourdon tube NiSpanC + connection AISI316L 1.4404	ACCURACY	: case Ø100 and Ø160 ± 1.0% F.S./class 1
WINDOW	: safety glass	MOVEMENT	: AISI304/1.4301
DIAL	: aluminium, black figures on white	APPLICATION	: general and heavy industry
POINTER	: aluminium, black	OPTIONS	: see below.
CONNECTION AISI316L 1.4404	: Ø100 and Ø160mm ½"BSP (max. 2500 bar) : 9/16" x 18 UNF HP female, M16 x 1.5 HP female		

TYPE	MODEL	CASE DIAMETER (Ø in mm)	
		100	160
A		PBX-SF100XA 2000/2500 bar or 30000/36000 psi	PBX-SF160XA 2000/2500 bar or 30000/36000 psi
B		PBX-SF100XB 2000/2500 bar or 30000/36000 psi	PBX-SF160XB 2000/2500 bar or 30000/36000 psi
D		PBX-SF100XD 2000/2500 bar or 30000/36000 psi	PBX-SF160XD 2000/2500 bar or 30000/36000 psi
OPTIONS		EXTRA COSTS	
Range	3000 bar or 40000 psi		
	4000 bar or 60000 psi		N.A.
Lx	Liquid filled case: GLYCERINE		
	Liquid filled case: SILICON OIL		
Pointer	Index pointer		
	Micro-adjustable		
Restrictor screw	only 1/2" BSP		
Connection	9/16" x 18 UNF HP female		
	M16 x 1.5 HP female		
	1/2" BSP male (max 2500 bar)		
Dial markings	Colored zone or marking on dial		

"ALL-STAINLESS" SOLID-FRONT PRESSURE GAUGES, TYPE PBX-SF-HP

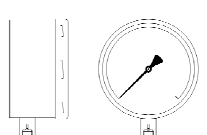
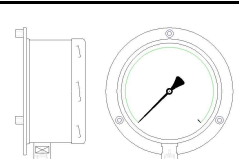
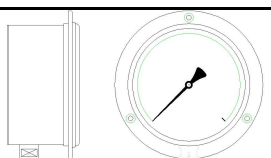
TYPE PBX-SF-HP, full safety pattern, 4000 ... 7000 bar

STANDARD MODEL according to DIN 16001

CASE	: bayonet lock, AISI304/1.4301, IP-65 solid front & blow-out back S3 according to DIN 16001
WETTED PARTS	: spiral wound tube, HP160
WINDOW	: safety glass
DIAL	: aluminium, black figures on white
POINTER	: aluminium, black
CONNECTION	: 9/16" UNF x18 H.P. female (1/4"HP Autoclave) AISI316L 1.4404 or M16 x 1,5 HP female, AISI316L 1.4404
RANGE	: 4000 bar or 60000 psi for higher ranges (max. 7000 bar or 100000 psi) see below
ACCURACY	: ± 1.0% F.S./class 1
OPTIONS	: see below



e.g. PBX-SF-HP160XA

TYPE	MODEL	CASE DIAMETER (Ø in mm)
		160
A		PBX-SF-HP160XA 4000 bar or 60000 psi
B		PBX-SF-HP160XB 4000 bar or 60000 psi
D		PBX-SF-HP160XD 4000 bar or 60000 psi
OPTIONS		EXTRA COSTS
Lx	Liquid filled case: SILICON OIL	PBX-SF-HP160Lx
Range	5000 bar or 70000 psi	
	6000 bar or 80000 psi	
	7000 bar or 100000 psi	
Connection	9/16" x 18 UNF HP female	
	M16 x 1.5 HP female	
Index pointer	ø160mm	
Dial markings	Colored zone or marking on dial	