#### Main Specifications

▼ Size  $1.5^{\prime\prime}$  ,  $2^{\prime\prime}$  ,  $2.5^{\prime\prime}$  ,  $3^{\prime\prime}$  ,  $4^{\prime\prime}$  ,  $6^{\prime\prime}$  , 8", 10" ▼Installation type Bottom mount (A) / Bottom mount with back flange(B) / Back mount (Centric thread) (ADC) / Back mount (Eccentric thread) (ADE) / Back mount with front flange (Centric thread) (BDC) / Back mount with front flange (Eccentric thread) (BDE) / Back mount with U-Clamp (Centric thread) (UDC) / Back mount with U-Clamp (Eccentric thread) (UDE) / Back mount with front flange and U-Clamp (Centric thread) (UBDC) / Back mount with front flange and U-Clamp (Eccentric thread) (UBDE)

### ▼Window

PC / Glass **Option: Safety glass** 

### ▼ Pressure connection

Material: SS316 Thread size: 1/8" ,1/4" ,3/8" ,1/2" Thread type: BSPT, NPT, PF

#### ▼ Pressure range

Gauge pressure▼ 0...0.6 to 1000 bar (> 1000bar is available madeto-order) Negative pressure▼ -1...0bar / -76...0cmHg Compound pressure▼ -1...0 to 20bar ▼ Applicable fluid Liquid and gas that compatible

## with stainless steel

▼Ambient temperature Dry: -20 to +60°C Glycerin-filled: +10 to +60°C Silicone oil-filled: -45 to +60°C

#### Media temperature

Dry: +100°C Glycerin filled: +100°C Silicon oil filled: +100°C <Silicon oil filled type can be for medium +200°C only if the case and connection are welded together (argonarc welding), available forΦ2.5" ~ 10" >

#### ▼ Liquid-filling

Dry Glycerin Silicone oil Oil-free treatment

#### Other Specifications ▼ Ring

Stainless steel **▼**Rina Crimp / Bayonet / Snap-in For more details please check Size-

- **Ring table** ▼Housing
- SS304
- ▼ Pointer

Aluminum with black enamel

### ▼ Dial face

Blue and black scale Other pressure unit, scale & color available upon request

#### Measuring elements

Bourdon tube Material: SS316 ▼ Protection design (option) Blow out disk ▼Movement Stainless steel

### Accuracy ±2.0% F.S. for (Φ1.5", 2") $\pm 1.5\%$ F.S. for( $\Phi 2'' \sim 3''$ ) ±1.0% F.S. for (Φ3" ~ 10")

▼Operating pressure Stabilization 3/4\* full scale Fluctuation 2/3\* full scale Impulse 1\* full scale

#### ▼ Other requests

Third party notarized documents Inspection report Tag Customized dial face (scale, color, unit, etc.) Install a diaphragm Dampened movement Window - Safety glass (Only available for size >4'') Peak hold pointer Case material: SS316 External indicator (Red, green, yellow) Adjustable pointer (Only available for size >4'') Blow out disk

# All Stainless Steel Pressure Gauge Model: SUS Introduction

SUS pressure gauge has various size and installation type for selection. It applicable to measure slight corrosive media that compatible with stainless steel. Particularly used in chemical, petrochemical, food industry, biochemistry and any rush industries.



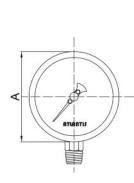
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

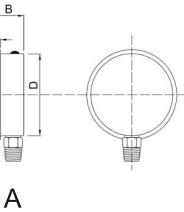
# **Features**

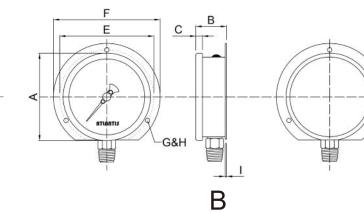
- OEM Service
- All stainless steel design
- Various installation and thread type available for different application
- Filled with liquid to improve vibration-proof performance and service life (option)
- Install blow out disk or use safety glass to ensure safety operation

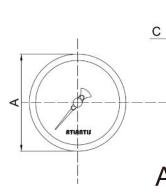
# Installation Type

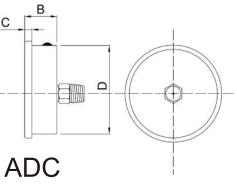
С



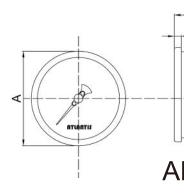


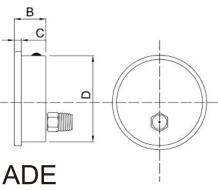


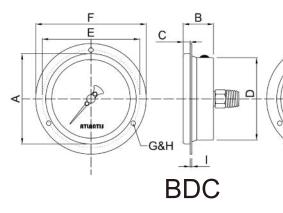


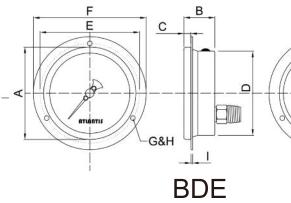


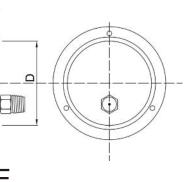
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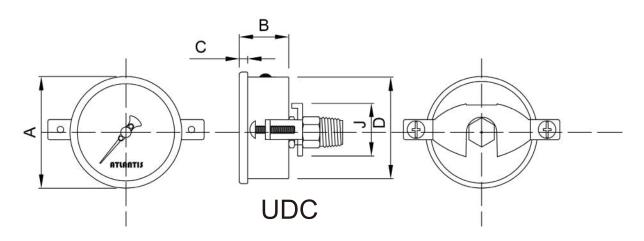




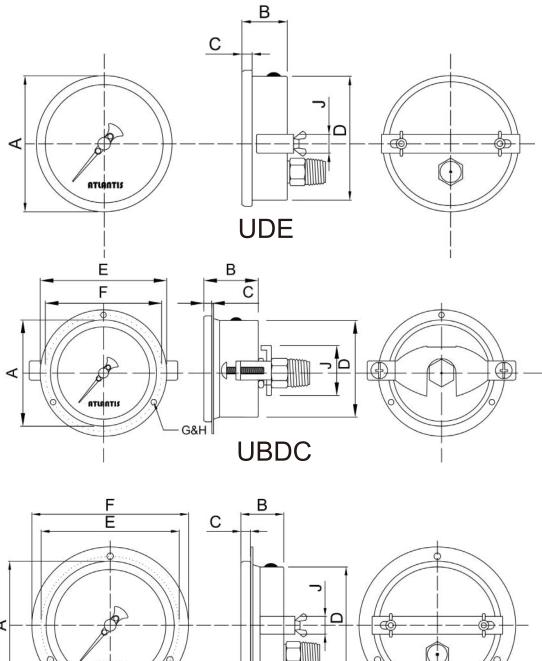


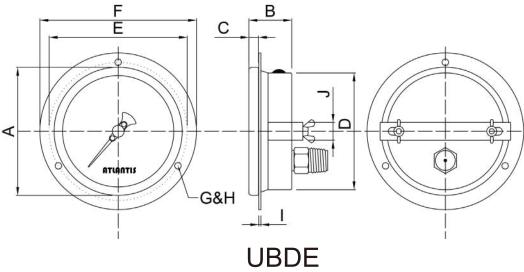






**ATLANTIS**<sup>®</sup>





# Size-Installation type table

Installation type	1.5″	2″	2.5″	3″	4″	6″	8″	10″
A	•	•	•	•	•	•	•	•
В				•	•	•	•	•
ADC	•	•	•	•	•			
ADE					•	•	•	•
BDC		•	•	•	•			
BDE				•	•	•	•	•
UDC			•		•			
UDE				•	•			
UBDC					•			
UBDE					•			

# Size-Ring table

Mount type	1.5″	2″	2.5″	3″	4″	6″	8″	10″
Crimp	•	•	•	•	•			
Bayonet		•	•	•	•	•	•	•
Snap-in		•	•					

## How to Order

A   Bottom mount   B   Bottom mount with back flange (Centric thread)   ADC   Back mount (Centric thread)   ADE   Back mount (Eccentric thread)     A   Type   Back mount with front flange (Centric thread)   Back mount with front flange and U-Clamp (Centric thread)   Back mount with front flange and U-Clamp (Centric thread)   Back mount with front flange and U-Clamp (Centric thread)   Back mount with front flange and U-Clamp (Eccentric thread)   DE   Back mount with U-Clamp (Eccentric thread)   DE   Back mount with U-Clamp (Eccentric thread)   DE   Back mount with U-Clamp (Eccentric thread)   DE   Back mount with front flange and U-Clamp (Eccentric thread)   DE   Back mount with U-Clamp (Eccentric thread)   DE   Back mount with front flange and U-Clamp (Eccentric thread)   DE   DE   Back mount with front flange and U-Clamp (Eccentric thread)   DE<	SUS	SUS All Stainless Steel Pressure Gauge									
04     Size     04     4'     06     6''     08     8''     10     10''       L     Liquid-filling     0     Dry     L     Glycerin     S     Silicone oil     N     Oil-free treatmen       A     Bottom mount     B     Bottom mount with back flange     ADC     Back mount (Centric thread)     Back mount with front flange (Centric thread)     Back mount with u-Clamp (Centric thread)     Back mount with front flange and U-Clamp (Centric thread)     -	Std.	Spec.	Code	ltem	Code	ltem	Code	ltem	Code	ltem	
L   Liquid-filling   0   Dry   L   Glycerin   S   Silicone oil   N   Oil-free treatmen     L   Liquid-filling   0   Dry   L   Glycerin   S   Silicone oil   N   Oil-free treatmen     A   Bottom mount   B   Bottom mount   B   Bottom mount   ADC   Back mount   (Centric thread)   Back mount with front finange in (Eccentric thread)   Back mount with front finange and UBDE   Back mount with front finange and UBDE   Back mount with Gront finange and UClamp (Eccentric thread)   Back mount with UDC   Back mount with UClamp (Eccentric thread)   UDE   Back mount with UDC   Back mount with Gront finange and UBDE   Back mount with Gront finange and UClamp (Eccentric thread)   UDE   Back mount WClamp (Eccentric thread)   UDE   Image Accentric thread)   UDE   Image Accentric thread)   Image Accentric thread)   Image Accentric thread)   Image Accentric thread)   I	04	04 Size		1.5″	02	2″	025	2.5″	03	3″	
A   Bottom mount   B   Bottom mount   ADC   Back mount   ADE   Back mount     A   Bottom mount   Back mount   Back mount   Back flange   ADC   Back mount with   ADE   Back mount with     BDC   Back mount   Back mount with front   BDE   Back mount with front flange   Back mount with   UDC   Back mount with   UDE   Back mount with   UClamp     UBDC   Centric thread)   UBDC   Back mount with front flange and   U-Clamp   UDE   Centric thread)   UClamp   (Eccentric thread)   UDE   Back mount with   UClamp   (Eccentric thread)   UDE   Inspection report   -	04			4″	06	6″	08	8″	10	10″	
A   Bottom mount   B   Bottom mount   ADC   Back mount   ADC   Back mount   ADE   Back mount     A   Type   Back mount   Back mount   Back mount with front flange (Centric thread)   Back mount with front flange (Centric thread)   Back mount with front flange and U-Clamp (Centric thread)   UDC   Back mount with U-Clamp (Centric thread)   UDE   Back mount with U-Clamp (Eccentric thread)   UDE   Inspection (Centric thread)   UDE   Inspection (Centric thread)   Inspection (Centric thread)   UDE   Inspection (Centric thread)   Inspection (Cen											
A Dotion mount b with back flange ADC (Centric thread) ADE (Eccentric thread)   BDC Back mount flange (Centric thread) BDE Back mount with front flange (Centric thread) BDE Back mount with front flange and U-Clamp (Centric thread) UDC Back mount with U-Clamp (Centric thread) Back mount with U-Clamp (Centric thread) Back mount with front flange and U-Clamp (Centric thread) UDE Back mount with U-Clamp (Centric thread) Back mount with front flange and U-Clamp (Eccentric thread) - </td <td>L</td> <td>Liquid-filling</td> <td>0</td> <td>Dry</td> <td>L</td> <td>Glycerin</td> <td>S</td> <td>Silicone oil</td> <td>Ν</td> <td>Oil-free treatment</td>	L	Liquid-filling	0	Dry	L	Glycerin	S	Silicone oil	Ν	Oil-free treatment	
A   Dotion mount   b   with back flange   ADC   (Centric thread)   ADE   (Eccentric thread)     BDC   Back mount with front flange (Centric thread)   BDE   Back mount with front flange (Eccentric thread)   UDC   Back mount with UC-Clamp (Centric thread)   UDE   Back mount with UC-Clamp (Centric thread)   Back mount with front flange and U-Clamp (Eccentric thread)   UDC   Back mount with UC-Clamp (Centric thread)   Back mount with front flange and U-Clamp (Eccentric thread)   -											
A Type BDC with front flange (Centric thread) BDE Back mount with front flange (Eccentric thread) UDC Back mount with UCClamp (Centric thread) UDE Back mount with U-Clamp (Centric thread)   3 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   3 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   4 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   6 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   7 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   9 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   9 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   9 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   9 Custom Fessure Gauge pressure - (0···0.6 to 1000bar, > 1000bar, > 1000bar is available made-to-order) NPE NPE Others <td></td> <td></td> <td>А</td> <td></td> <td>В</td> <td></td> <td>ADC</td> <td></td> <td>ADE</td> <td>Back mount (Eccentric thread)</td>			А		В		ADC		ADE	Back mount (Eccentric thread)	
Back mount with front flange and U-Clamp (Centric thread) Back mount with front flange and U-Clamp (Eccentric thread) - - -   3 Thread size 1 1/8" 2 1/4" 3 3/8" 4 1/2"   P Thread type P BSPT N NPT F PF O Others   P Thread type P BSPT N NPT F PF O Others   Custom Pressure range Gauge pressure - (0···0.6 to 1000bar, > 1000bar, > 1000bar is available made-to-order) Negative pressure - (-1···0bar) Compound pressure - (-1···0bar) Compound pressure - (-1···0·0.6 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc···), single / dual scale   //A Third party notarized documents //B Inspection report //C Tag   //B Inspection report //C Tag //D Customized dial face (scale, color, unit, etc.)   //B Install a diaphragm //F Dampened movement   //B //G Window - Safety glass (Only available for size >4" //H Peak hold pointer   //B //A Adjustable pointer (Only available for size //H Place word diak	А	Type	BDC	with front flange	BDE	front flange	UDC	U-Clamp	UDE	Back mount with U-Clamp (Eccentric thread)	
P   Thread type   P   BSPT   N   NPT   F   PF   O   Others     Custom   Pressure range   Gauge pressure - (00.6 to 1000bar, > 1000bar is available made-to-order) Negative pressure - (-10bar) Compound pressure - (-10bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc), single / dual scale     ////////////////////////////////////			UBDC	Back mount with front flange and U-Clamp	UBDE	front flange and U-Clamp	_	_	_	_	
P   Thread type   P   BSPT   N   NPT   F   PF   O   Others     Gauge pressure range   Gauge pressure - (00.6 to 1000bar, > 1000bar is available made-to-order) Negative pressure - (-10bar) Compound pressure - (-10bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc), single / dual scale     /A   Third party notarized documents   /B   Inspection report     /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /E   Install a diaphragm   /F   Dampened movement     /B   Other requests   /G   Window — Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /I   Blow out disk			-	-	-						
Custom   Pressure range   Gauge pressure - (00.6 to 1000bar, > 1000bar is available made-to-order) Negative pressure - (-10bar) Compound pressure - (-10.6 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc), single / dual scale     /B   /A   Third party notarized documents   /B   Inspection report     /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /B   Other requests   /G   Window - Safety glass (Only available for size >4")   /F   Dampened movement     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /L   Blow out disk	3	Thread size	1	1/8″	2	1/4″	3	3/8″	4	1/2″	
Custom   Pressure range   Gauge pressure - (00.6 to 1000bar, > 1000bar is available made-to-order) Negative pressure - (-10bar) Compound pressure - (-10.6 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc), single / dual scale     /B   /A   Third party notarized documents   /B   Inspection report     /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /B   Other requests   /G   Window - Safety glass (Only available for size >4")   /F   Dampened movement     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /L   Blow out disk											
Custom   Pressure range   Negative pressure - (-1…0bar) Compound pressure - (-1…0…0.6 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc…), single / dual scale     /B   /A   Third party notarized documents   /B   Inspection report     /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /E   Install a diaphragm   /F   Dampened movement     /G   Window - Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)	Р	Thread type	Р	BSPT	Ν	NPT	F	PF	0	Others	
Custom   Pressure range   Negative pressure - (-1…0bar) Compound pressure - (-1…0…0.6 to 20bar) Custom pressure unit scale (psi, bar, kPa, kg/cm², MPa, inHg, mmHg, cmHg, etc…), single / dual scale     /B   /A   Third party notarized documents   /B   Inspection report     /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /E   Install a diaphragm   /F   Dampened movement     /G   Window - Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)			-								
/B   /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /B   /E   Install a diaphragm   /F   Dampened movement     /G   Window — Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /I   Blow out disk	Custom	Pressure rangeNegative pressure - (-1···0bar) Compound pressure - (-1···0.6 to 20bar)									
/B   /C   Tag   /D   Customized dial face (scale, color, unit, etc.)     /B   /E   Install a diaphragm   /F   Dampened movement     /G   Window — Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /I   Blow out disk				1							
/B   /E   Install a diaphragm   /F   Dampened movement     /B   //G   Window — Safety glass (Only available for size >4")   /H   Peak hold pointer     /I   Case material: SS316   /J   External indicator (Red, green, yellow)     /K   Adjustable pointer (Only available for size   /I   Blow out disk				Third party notarized documents							
/B Other requests /G Window — Safety glass (Only available for size >4") /H Peak hold pointer   /I Case material: SS316 /J External indicator (Red, green, yellow)   /K Adjustable pointer (Only available for size /I Blow out disk	/В			Тад							
7B 7G size >4" 7H Peak hold pointer   7B 7I Case material: SS316 7J External indicator (Red, green, yellow)   7B 7K Adjustable pointer (Only available for size 7L Blow out disk			/E				/F	Dampened movement			
/K Adjustable pointer (Only available for size // Blow out disk			/G				/H	Peak hold pointer			
/K / Blow out disk			/I	Case material: SS316			/J	External indicator (Red, green, yellow)			
Order example: SUS - 04 - L - A - 3 - P - (00.6 to 10bar) - /B				Adjustable pointer (Only available for size $>4''$ )			/L	Blow out disk			

Order example: <u>SUS</u> - <u>04</u> - <u>L</u> - <u>A</u> - <u>3</u> - <u>P</u> - (0…0.6 to 10bar) - <u>/B</u>