

Date: June 2019 Sheet No.: A47 Pressure gauge external autoclavable Autoclavable in oven

Type A47

Pressure gauge external autoclavable

- EN10204-3.1 certificate on wetted
- Surface roughness certificate on wetted parts
- All parts of gauge in AISI316
- Handling instruction for each instrument
- No loss of accuracy
- FDA and ph Eur2000 add. Approved transmission liquid

Application

The Tempress External Autoclavable pressure gauge is a special designed gauge which is suitable for

- Mobile tanks in pharmaceutical production plants
- Hospital equipment
- Bio technical installations

where external autoclaving of the equipment is required due to hygienic requirements.

The unique design ensures that the pressure gauge can resist both the heat and the moisture in an autoclave process and continue working perfectly after the process without loss of accuracy.

Type A47 Pressure gauge external autoclavable Case size DN100 DN63 Case material AISI 316 Display face Tempered safety glass Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring system: Range: Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Media Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp AISI 316L Option Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Other types available on request. Ask Tempress. Transmission Iquid Meets ph Eur2000 add. Requirements Certificate EN10204 – 3.1		
autoclavable Case size DN100 DN63 Case material Display face Bezel Liquid filling None, dry house Connection Measuring system: Range: Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Transmission Iquid Meets ph Eur2000 add. Requirements		
Case size DN100 DN63 Case material Display face Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring system: Range: Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Type A47	Pressure gauge external
DN63 Case material AISI 316 Display face Tempered safety glass Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring AISI 316L system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: ON38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements		autoclavable
Case material AISI 316 Display face Tempered safety glass Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Case size	DN100
Display face Tempered safety glass Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring AISI 316L system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: ON38 DS/ISO2852 AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements		DN63
Bezel AISI 316 Liquid filling None, dry house Connection Bottom Measuring system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Case material	AISI 316
Liquid filling None, dry house Connection Bottom Measuring system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: ON38 DS/ISO2852 AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Display face	Tempered safety glass
Connection Bottom Measuring system: AISI 316L Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Clamp Other types available on request. Ask Tempress. Transmission FDA approved Meets ph Eur2000 add. Requirements	Bezel	AISI 316
Measuring system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: Cl. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp AlSI316L, Diaphragm AlSI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Liquid filling	None, dry house
system: Range: 2.5 / 4 / 5 / 7 / 11 & 20 bar Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: Cl. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Connection	Bottom
Range: . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Media Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Diaphragm Seal: Clamp Other types available on request. Ask Tempress. Transmission Iquid Meets ph Eur2000 add. Requirements	Measuring	AISI 316L
Range: . Options Other ranges posssible if used for standard temperature ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: Media Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Diaphragm Seal: Clamp Other types available on request. Ask Tempress. Transmission Iquid Meets ph Eur2000 add. Requirements	system:	
for standard temperature ranges below 130° C Accuracy: Cl. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements		2.5 / 4 / 5 / 7 / 11 & 20 bar
for standard temperature ranges below 130° C Accuracy: Cl. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements		
ranges below 130° C Accuracy: CI. 1.6 (±1.6%FS) Temperature: 0° C + 140° C Media 0° C + 140° C Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AlSI316L, Diaphragm AlSI316L Option Other types available on request. Ask Tempress. Transmission liquid Meets ph Eur2000 add. Requirements	Options	Other ranges posssible if used
Accuracy: CI. 1.6 (±1.6%FS) Temperature:		for standard temperature
Temperature: Media Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Option Other types available on request. Ask Tempress. Transmission Iquid O° C + 140° C Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Other types available on request. Ask Tempress. FDA approved Meets ph Eur2000 add. Requirements		ranges below 130° C
Temperature: Media Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Option Other types available on request. Ask Tempress. Transmission Iquid O° C + 140° C Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Other types available on request. Ask Tempress. FDA approved Meets ph Eur2000 add. Requirements	Accuracy:	Cl. 1.6 (±1.6%FS)
Ambient Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp Diaphragm Seal: Clamp Option Other types available on request. Ask Tempress. Transmission Iquid FDA approved Meets ph Eur2000 add. Requirements	Temperature:	
Options: Media and amb. Temp. up to 200° C for dry sterilisation (Ask Tempress). Diaphragm seal: Clamp DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission Iquid FDA approved Meets ph Eur2000 add. Requirements	Media	0° C + 140° C
200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission Iquid Meets ph Eur2000 add. Requirements	Ambient	
200° C for dry sterilisation (Ask Tempress). Diaphragm seal: DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L . Option Other types available on request. Ask Tempress. Transmission Iquid Meets ph Eur2000 add. Requirements	Options:	Media and amb. Temp. up to
Diaphragm seal: Clamp DN38 DS/ISO2852 AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission liquid FDA approved Meets ph Eur2000 add. Requirements		200° C for dry sterilisation (Ask
Clamp AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission FDA approved Meets ph Eur2000 add. Requirements		Tempress).
Clamp AISI316L, Diaphragm AISI316L Option Other types available on request. Ask Tempress. Transmission Iquid FDA approved Meets ph Eur2000 add. Requirements	Diaphragm seal:	DN38 DS/ISO2852
request. Ask Tempress. Transmission		AISI316L, Diaphragm AISI316L
request. Ask Tempress. Transmission		
request. Ask Tempress. Transmission	Option	Other types available on
Transmission FDA approved Meets ph Eur2000 add. Requirements		
liquid Meets ph Eur2000 add. Requirements	Transmission	
Requirements	liquid	
	·	•
	Certificate	

TEMPRESS reserves the right to changes without notice

Agent/Dealer:





Phone: 8932 5200 E-mail: sales@tempress.dk