

Transparent type level gauge

Model : L200 series

Spec. sheet no. LD02-01

EAC

Description

Designed for a wide range of pressure and temperature applications. The transparent type level gauge is suitable for observation of the level of corrosive and colored liquids. The type is preferably used for reservoir tanks that require a comparatively long visible length. This type of level gauge utilizes two pieces of tempered flat gauge glasses, each of which is placed in front and rear of gauge body and is sandwiched by gauge covers and tightened by bolts from both sides of the gauge.

Type



Chamber material
Carbon steel, Stainless steel
Max. pressure
4 MPa
Vessel connection
½" ~ 1"



Chamber material
Carbon steel, Stainless steel
Max. pressure
18 MPa
Vessel connection
½" ~ 1"



Chamber material
Carbon steel, Stainless steel
Max. pressure
24 MPa
Vessel connection
½" ~ 1"

Specification

Material
Carbon steel
LTCS
Stainless steel
A182-F11, 22, 5, 9, 91 and Monel
Titanium
Hastelloy
Alloy-20, etc.

Visible length
90 ~ 3695 mm

Max. No. of section
10 sections

Vessel connection
½" to 2" flanged or screw

WISE®

1. Base model

L200	Transparent type level gauge
L210	Large chamber type transparent level gauge
L220	Zig-zag type transparent level gauge

2. Material

CC	Body - C.S / Cover - C.S
44	Body - 304SS / Cover - 304SS
4L	Body - 304L SS / Cover - 304SS
64	Body - 316SS / Cover - 304SS
6L	Body - 316L SS / Cover - 304SS
VV	Body - PVC / Cover - PVC
PP	Body - PP / Cover - PP
ZZ	Other

3. Vessel connection

A1	½" 150Lb RF
A2	¾" 150Lb RF
A3	1" 150Lb RF
A4	1½" 150Lb RF
A5	½" 300Lb RF
A6	¾" 300Lb RF
A7	1" 300Lb RF
A8	1½" 300Lb RF
J1	15A 10K RF

4. Hook-up

TB	Top and Bottom
SR	Side and Side (Right)
SL	Side and Side (Left)
ZZ	Other

5. Gauge valve type

S	Straight
O	Off-Set
N	None

6. C to C / Visible Length / Glass

T01	425 - 454 / 195 / 220 * 1 (For Top-Bottom)
T02	455 - 484 / 225 / 250 * 1 (For Top-Bottom)
T03	485 - 504 / 255 / 280 * 1 (For Top-Bottom)
T04	505 - 524 / 275 / 300 * 1 (For Top-Bottom)
T05	525 - 544 / 295 / 320 * 1 (For Top-Bottom)
T06	545 - 604 / 315 / 340 * 1 (For Top-Bottom)
T07	605 - 659 / 375 / 400 * 1 (For Top-Bottom)
T08	660 - 719 / 430 / 220 * 2 (For Top-Bottom)
T09	720 - 779 / 490 / 250 * 2 (For Top-Bottom)
T10	780 - 819 / 550 / 280 * 2 (For Top-Bottom)
T50	245 - 274 / 195 / 220 * 1 (For Side-Side)
T51	275 - 304 / 225 / 250 * 1 (For Side-Side)
T52	305 - 324 / 255 / 280 * 1 (For Side-Side)
T53	325 - 344 / 275 / 300 * 1 (For Side-Side)
T54	345 - 364 / 295 / 320 * 1 (For Side-Side)
T55	365 - 424 / 315 / 340 * 1 (For Side-Side)
T56	425 - 479 / 375 / 400 * 1 (For Side-Side)
T57	480 - 539 / 430 / 220 * 2 (For Side-Side)
T58	540 - 599 / 490 / 250 * 2 (For Side-Side)
T59	600 - 639 / 550 / 280 * 2 (For Side-Side)

7. Drain connection_Size and connection type

1	½" NPT(F)
2	½" S.W
3	¾" NPT(F)
4	¾" S.W
O	Other

8. Drain connection_Type

1	Only Plug
2	Valve with Plug
3	Valve with Elbow and Plug
4	Valve with End Cap
5	Valve with Elbow and End Cap
O	Other

9. Drain connection_Valve Type

X	None
G	Gate Valve, API 800Lb
L	Globe Valve, API 800Lb
B	Ball Valve
N	Needle Valve
O	Other

Sample ordering code

1	2	3	4	5	6	7	8	9
L200	CC	A1	TB	S	T01	1	1	X

10. Drain connection_Material

CC	C.S
44	304SS
4L	304L SS
64	316SS
6L	316L SS
VV	PVC
PP	PP
ZZ	Other

11. Vent connection_Size and Connection type

1	½" NPT(F)
2	½" S.W
3	¾" NPT(F)
4	¾" S.W
O	Other

12. Vent connection_Type

1	Only Plug
2	Valve with Plug
3	Valve with Elbow and Plug
4	Valve with End Cap
5	Valve with Elbow and End Cap
O	Other

13. Vent connection_Valve type

X	None
G	Gate Valve, API 800Lb
L	Globe Valve, API 800Lb
B	Ball Valve
N	Needle Valve
O	Other

14. Vent connection_Material

CC	C.S
44	304SS
4L	304L SS
64	316SS
6L	316L SS
VV	PVC
PP	PP
ZZ	Other

15. Glass

A	Aluminasilicate
B	Borosilicate
O	Other

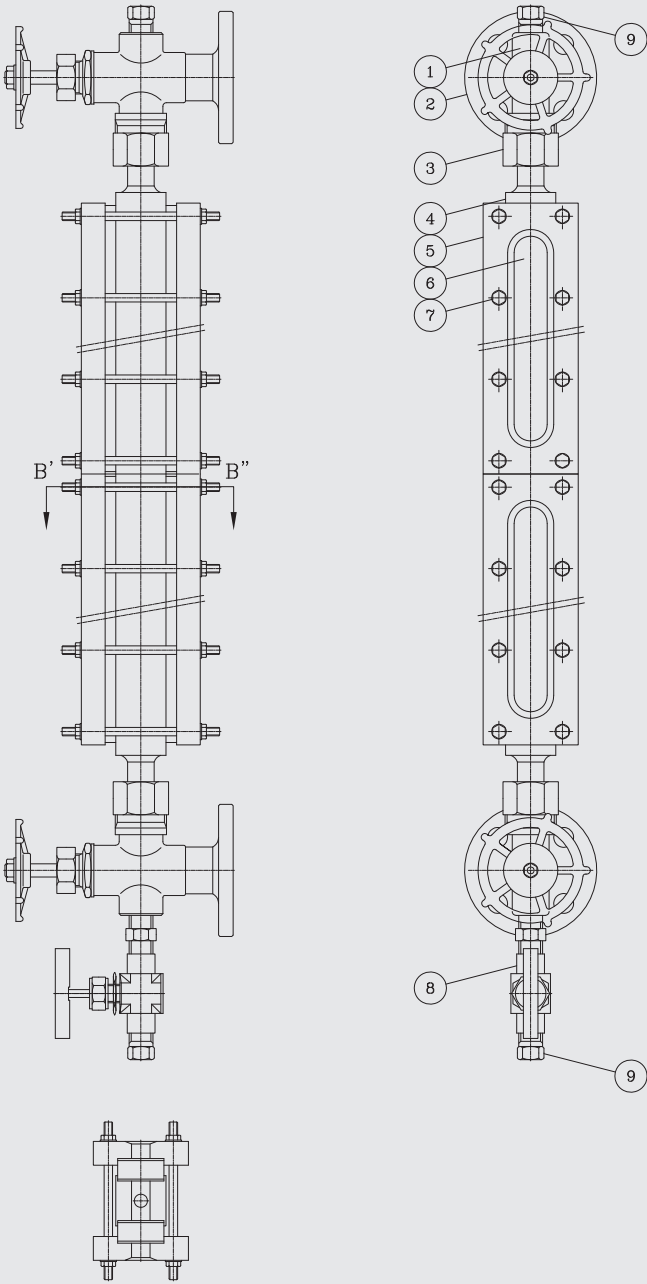
16. Option

L1	Scale Plate
L2	Non-Frosting
L3	Jacket
L4	Illuminator
L5	Support Bracket
L6	Renewable Seat
LO	Other
LX	None

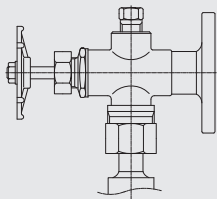
Sample ordering code

10	11	12	13	14	15	16
CC	1	1	X	CC	A	L1

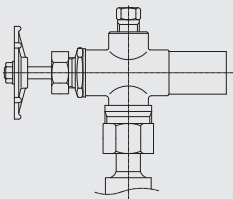
Model : L200 (Transparent type)



Section B'-B''



FLANGE TYPE



SOCKET WELD TYPE

NO.	DESCRIPTION	MATERIAL
1	GAUGE VALVE	C.S/304SS/316SS
2	VESSEL CONNECTION FLANGE	C.S/304SS/316SS
3	GAUGE CONNECTION	C.S/304SS/316SS
4	GAUGE BODY	C.S/304SS/316SS
5	COVER	C.S/304SS/316SS
6	GLASS	BOLISICATE
7	BOLT	A193 B7/B8
8	DRAIN VALVE	C.S/304SS/316SS
		C.S/304SS/316SS
9	PLUG	C.S/304SS/316SS