

3. GlassplateLevelGauge

The Reflex Liquid Level Gauge

The is used to see the level of the liquid in a vessel or tank. The gauge glass has three V-shaped grooves. The prism effect makes the gaseous phase look white, whereas in the liquid phase, the diffused reflection disappears making it look quite dark. This means that the liquid level can be seen clearly.

See-Thru (Transparent) Liquid Level Gauge

This unit is used to see the level, color, or clarity of the liquid in a vessel or tank. This gauge uses two layers of gauge glass, and is constructed so that users can see through to the opposite side. The gauge can be protected with mica or fluorine resin which prevents the alkaline corrosion of the glass. The gauge also uses a lighting system to make it easier for users to measure the liquid level, and its structure is more resistant to pressure than the reflex liquid level gauge.

Pictures and description of different models

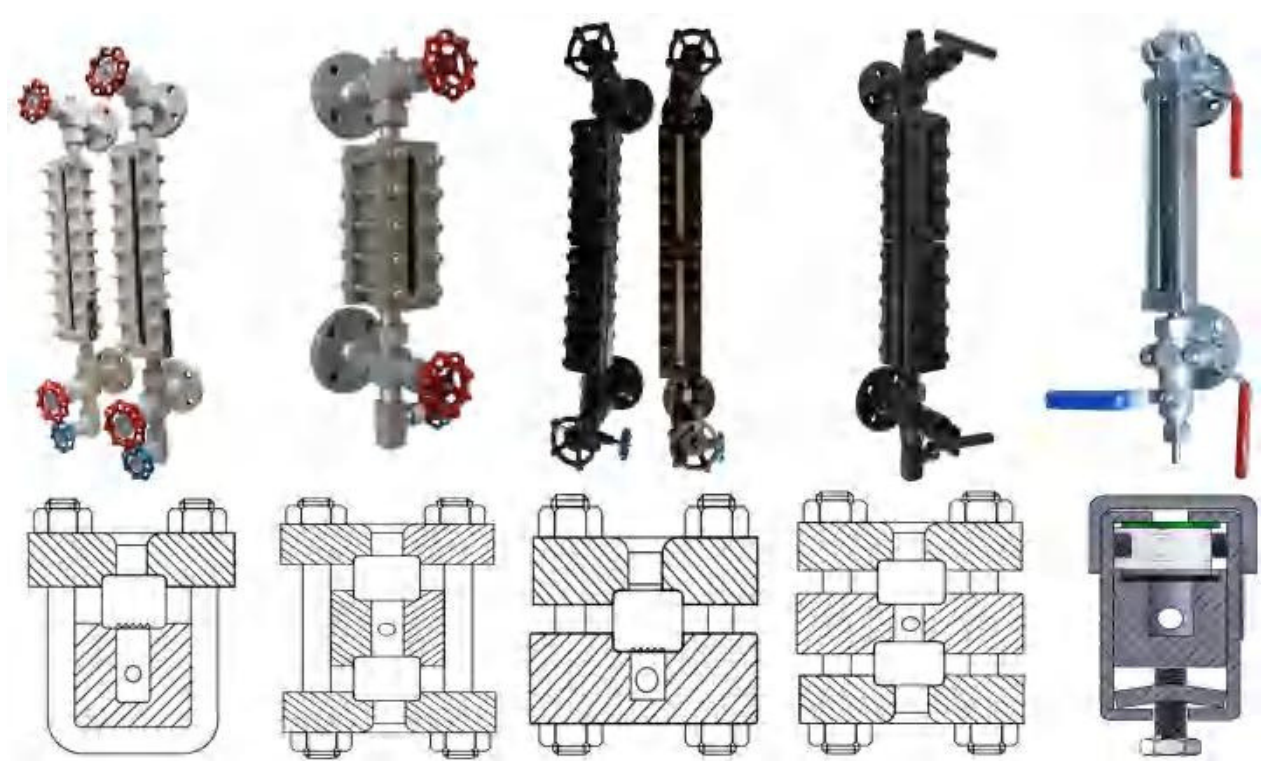
ISEN-TBS-F

ISEN-TBS-A

ISEN-UI-CV-F-HF

ISEN-UI-CV-F-HT

ISEN-RFL-40C



Glass Size

Borosilicate

Mica sheet +Alumina-silicate glass



Unit: mm

No.	B1	A1	B2	A2	B3	A3	B4	A4	B5	A5	B6	A6	B7	A7	B8	A8	B9	A9
Length	115		140		165		190		220		250		280		320		340	
Width	34	30	34	30	34	30	34	30	34	30	34	30	34	30	34	30	34	30
Thickness	17		17		17		17		17		17		17		17		17	

Main technical parameters

Model	ISEN-TBS-F	ISEN-TBS-A	ISEN-UI-CV-F-HF	ISEN-UI-CV-F-HT	ISEN-RFL-40C
Type	Reflex	Transparent	Highpressure reflex	Highpressure Transparent	90 degree Quick open/close
C-C (mm)	300-3600				285-2590
Visible Length (mm)	95-3360				141-2433
Gauge Material	CS、SS304、SS316L、Ti、 etc				Cast steel
Glass Size	A1-A9, B1-B9				A1-A9
Glass Material	Borosilicate; Alumina-silicate				
Gasket Type	Graphite composite gasket; non-Asbestos gasket; Mica seal components				
suitable temperature	≤450℃				
Working pressure (Bar)	40 (Groove glass) 100 (Plate glass)	100(Plate glass)	40 (Groove glass) 160(Plate glass)	160 (Plateglass)	40 (Groove glass)

Gauge Valve main technical parameters



UI-CV-F offset valve

UI-CV-S straight

RFL-40 Quick close

Suitable tube diameter: $\varnothing$ 18mm, $\varnothing$ 16mm

Model	ISEN-UI-CV-F	ISEN-UI-CV-S	ISEN-RFL-40
Type	OffsetValve 360°turn	StraightGaugeValve 360°turn	90° QuickOpen/CloseGaugeValve
Valve body	Forgingsteel	CS,SS304,SS316L,Ti	Caststeel
Valve rod Material	2Cr13 / SS316L		
Sealing Material	Graphite		
Working temperature	$\leq 450^{\circ}\text{C}$		
Working pressure (Bar)	40(Grooveglass) 160(Plateglass)	40(Grooveglass) 100(Plateglass)	40 (Groove glass)
Connection mode	Flange;Thread;welding		Flange:DN15DN20DN25,3/4"1"1-1/4"
Connection standard	ANSI、DIN、GB、JIS; NPT、BSPT、G、ZG;		ANSI、DIN、GB、JIS;
Apply to	ISEN- TBS-F/TBS-A/TBS-HR/TBS-HT/RFL-40C		ISEN-TBS-F/TBS-A/RFL-40C

Brass Gauge Valve for glass tube

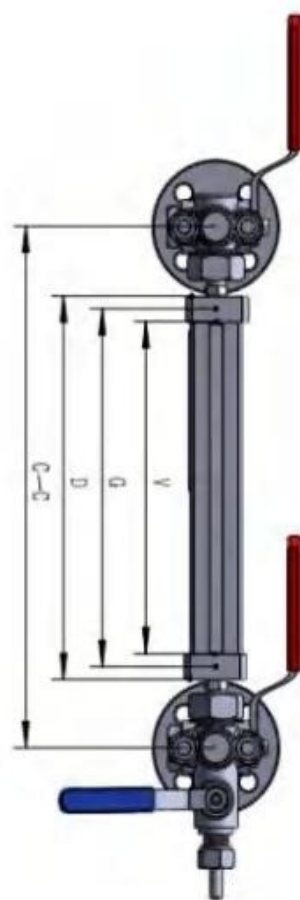
		
1/2" BSP suitable for glass tube OD15mm 3/4" BSP suitable for glass tube OD18mm Net weight: 2.1 kg	1/2" BSP suitable for glass tube OD15mm, weight: 520g/set Size: 3/4" BSP suitable for glass tube OD15mm, weight: 550g/set	G1/2" tube size: OD13mm 270g/set G3/4" tube size: OD18mm 285g/set

Model: ISEN-RFL-40C Reflex Level Gauge

Pressure	<4MPa	Temperature	<250 C, <450 C
Material	Carbon Steel	Flange	DN15 DN20 DN25, 3/4" 1" 1-1/4"



Model	Min C-C	Body D	visible length V(+2/0)	Glass length G	section	blind part
11	235	128	91	115	1	144
12	260	153	116	140	1	144
13	285	178	141	165	1	144
14	310	203	166	190	1	144
15	340	233	196	220	1	144
16	370	263	226	250	1	144
17	400	293	256	280	1	144
18	440	333	296	320	1	144
19	460	353	313	340	1	147
24	515	406	367	190	2	148
25	575	466	427	220	2	148
26	635	526	489	250	2	146
27	695	586	549	280	2	146
28	775	666	628	320	2	147
29	815	706	668	340	2	147
36	900	789	751	250	3	149
37	990	879	841	280	3	149
38	1110	999	961	320	3	149
39	1170	1059	1021	340	3	149
47	1285	1172	1134	280	4	151
48	1445	1332	1294	320	4	151
49	1525	1412	1374	340	4	151
57	1580	1465	1427	280	5	153
58	1780	1665	1627	320	5	153
59	1880	1765	1727	340	5	153
68	2115	1998	1960	320	6	155
69	2235	2118	2080	340	6	155
79	2590	2471	2433	340	7	157



Model: ISEN-RLF-40FC Reflex Level Gauge

Pressure	<4MPa	Temperature	<250 C, <450 C
Material	Carbon Steel	Flange	DN15 DN20 DN25, 3/4" 1" 1-1/4"



Model	Min C-C	BodyD	Visiblelength V(+2/0)	Glasslength G	section	Blind part
11	235	128	91	115	1	144
12	260	153	116	140	1	144
13	285	178	141	165	1	144
14	310	203	166	190	1	144
15	340	233	196	220	1	144
16	370	263	226	250	1	144
17	400	293	256	280	1	144
18	440	333	296	320	1	144
19	460	353	313	340	1	147
24	515	406	367	190	2	148
25	575	466	427	220	2	148
26	635	526	489	250	2	146
27	695	586	549	280	2	146
28	775	666	628	320	2	147
29	815	706	668	340	2	147
36	900	789	751	250	3	149
37	990	879	841	280	3	149
38	1110	999	961	320	3	149
39	1170	1059	1021	340	3	149
47	1285	1172	1134	280	4	151
48	1445	1332	1294	320	4	151
49	1525	1412	1374	340	4	151
57	1580	1465	1427	280	5	153
58	1780	1665	1627	320	5	153
59	1880	1765	1727	340	5	153
68	2115	1998	1960	320	6	155
69	2235	2118	2080	340	6	155
79	2590	2471	2433	340	7	157

Model: ISEN-RFL-40HFC Reflex Level Gauge

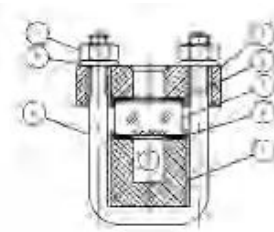
Pressure	<4MPa	Temperature	<250 C, <450 C
Material	Carbon Steel	Flange	DN15 DN20 DN25, 3/4" 1" 1-1/4"



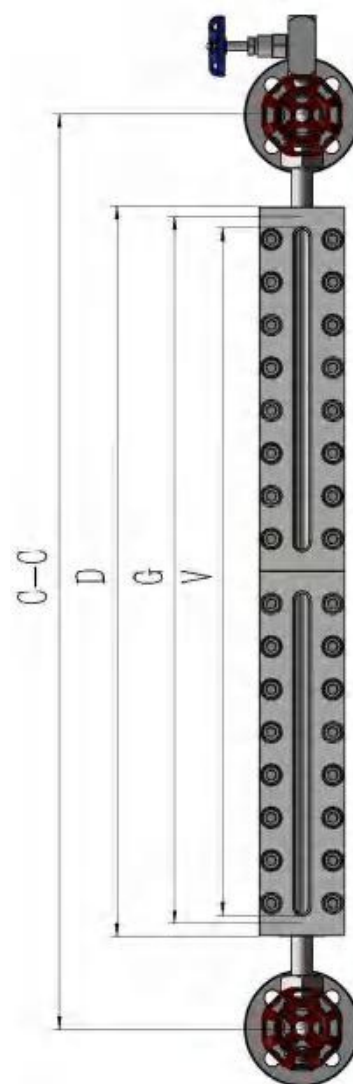
Model	Min C-C	Body D	Visiblelength V(+2/0)	Glasslength G	section	Blind part
11	235	128	91	115	1	144
12	260	153	116	140	1	144
13	285	178	141	165	1	144
14	310	203	166	190	1	144
15	340	233	196	220	1	144
16	370	263	226	250	1	144
17	400	293	256	280	1	144
18	440	333	296	320	1	144
19	460	353	313	340	1	147
24	515	406	367	190	2	148
25	575	466	427	220	2	148
26	635	526	489	250	2	146
27	695	586	549	280	2	146
28	775	666	628	320	2	147
29	815	706	668	340	2	147
36	900	789	751	250	3	149
37	990	879	841	280	3	149
38	1110	999	961	320	3	149
39	1170	1059	1021	340	3	149
47	1285	1172	1134	280	4	151
48	1445	1332	1294	320	4	151
49	1525	1412	1374	340	4	151
57	1580	1465	1427	280	5	153
58	1780	1665	1627	320	5	153
59	1880	1765	1727	340	5	153
68	2115	1998	1960	320	6	155
69	2235	2118	2080	340	6	155
79	2590	2471	2433	340	7	157

Model: ISEN-TBS-F Reflex Level Gauge

Pressure	<4MPa	Temperature	<250 C, <450 C
Material	Carbon Steel, stainless steel	Flange	DN15 DN20 DN25, DN40, DN50, 3/4", 1", 1-1/4", 1.5", 2"

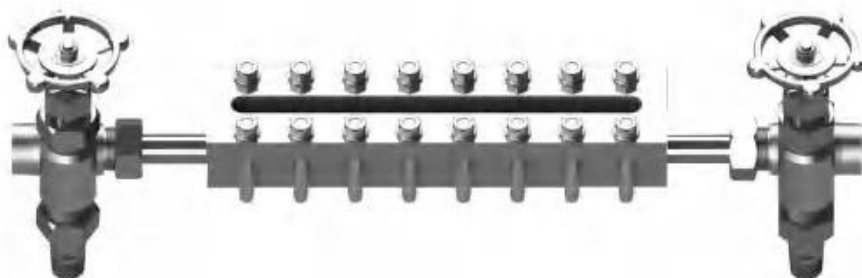


Model	Min C-C	Body D	visible length V(+2/0)	Glass length G	section	blind part
L-1	239	135	95	115	1	144
L-2	264	160	120	140	1	144
L-3	289	185	145	165	1	144
L-4	314	210	170	190	1	144
L-5	344	240	200	220	1	144
L-6	374	270	230	250	1	144
L-7	404	300	260	280	1	144
L-8	444	340	300	320	1	144
L-9	464	360	320	340	1	144
L-10	524	420	380	190	2	144
L-11	584	480	440	220	2	144
L-12	644	540	500	250	2	144
L-13	704	600	560	280	2	144
L-14	784	680	640	320	2	144
L-15	824	720	680	340	2	144
L-16	914	810	770	250	3	144
L-17	1004	900	860	280	3	144
L-18	1124	1020	980	320	3	144
L-19	1184	1080	1040	340	3	144
L-20	1304	1200	1160	280	4	144
L-21	1464	1360	1320	320	4	144
L-22	1544	1440	1400	340	4	144
L-23	1604	1500	1460	280	5	144
L-24	1804	1700	1660	320	5	144
L-25	1904	1800	1760	340	5	144
L-26	2144	2040	2000	320	6	144
L-27	2264	2160	2120	340	6	144
L-28	2624	2520	2480	340	7	144

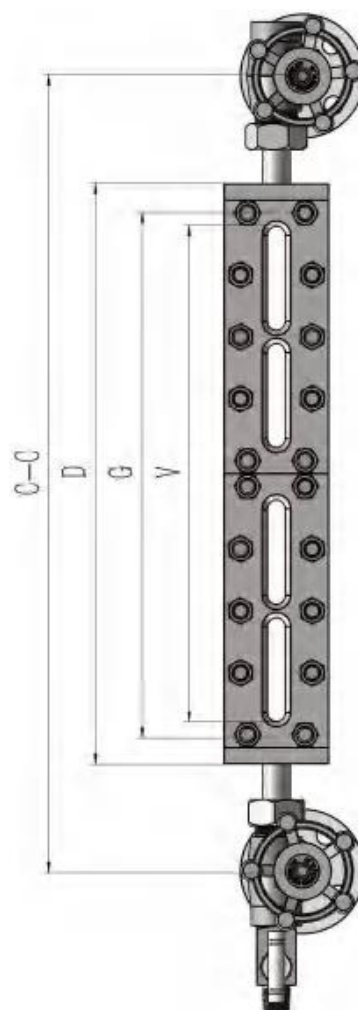


Model: ISEN-UI-CV-F-LF Reflex Level Gauge

Pressure	4MPa, 7MPa, <16MPa	Temperature	<250 C, <450 C
Material	Carbon steel, Stainless steel	Connection	DN15 DN20 DN25, DN40, DN50, 3/4", 1", 1-1/4", 1.5", 2"
glass	Borosilicate or Al-Si glass	Connection type	Flange, Screw or other

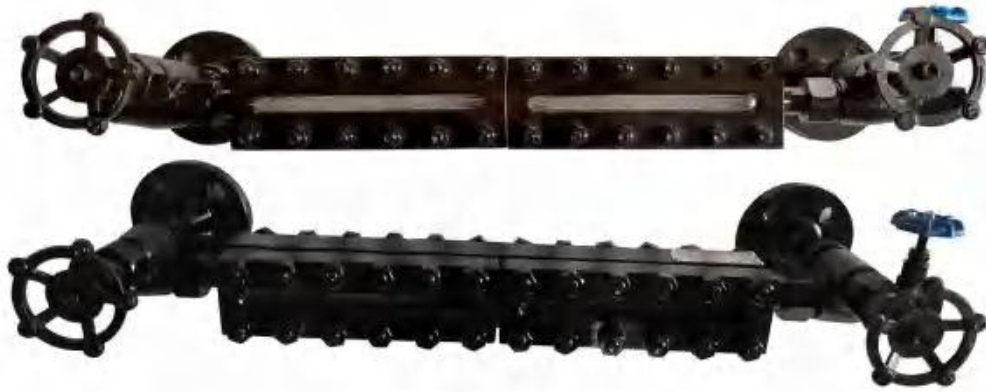


Model	Min C-C	Body D	visible Length V(+2/0)	Glass length G	section	Blind part
H-1	286	135	90	115	1	196
H-2	311	160	115	140	1	196
H-3	336	185	140	165	1	196
H-4	361	210	165	190	1	196
H-5	391	240	195	220	1	196
H-6	421	270	225	250	1	196
H-7	451	300	255	280	1	196
H-8	521	370	325	165	2	196
H-9	571	420	375	190	2	196
H-10	631	480	435	220	2	196
H-11	691	540	495	250	2	196
H-12	751	600	555	280	2	196
H-13	781	630	585	190	3	196
H-14	871	720	675	220	3	196
H-15	961	810	765	250	3	196
H-16	1051	900	855	280	3	196
H-17	1111	960	915	220	4	196
H-18	1231	1080	1035	250	4	196
H-19	1351	1200	1155	280	4	196
H-20	1351	1200	1155	220	5	196
H-21	1501	1350	1305	250	5	196
H-22	1591	1440	1395	220	6	196
H-23	1651	1500	1455	280	5	196
H-24	1771	1620	1575	250	6	196
H-25	1951	1800	1755	280	6	196
H-26	2041	1890	1845	250	7	196
H-25	2251	2100	2055	280	7	196

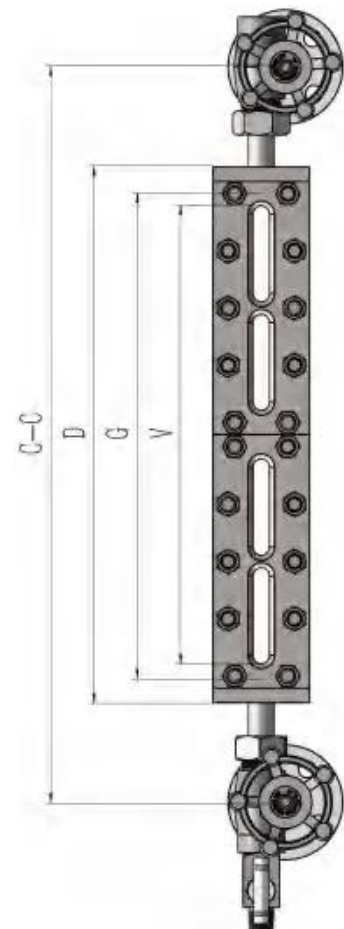


Model: ISEN-UI-CV-F-HF Reflex Level Gauge

Pressure	4MPa, 7MPa, <16MPa	Temperature	<250 C, <450 C
Material	Carbon steel, Stainless steel	Connection	DN15 DN20 DN25, DN40, DN50
glass	Borosilicate or Al-Si glass	Connection type	Flange, Screw or other



Model	Min C-C	Body D	Visible Length V(+2/0)	Glass Length G	section	Blind part
H-1	286	135	90	115	1	196
H-2	311	160	115	140	1	196
H-3	336	185	140	165	1	196
H-4	361	210	165	190	1	196
H-5	391	240	195	220	1	196
H-6	421	270	225	250	1	196
H-7	451	300	255	280	1	196
H-8	521	370	325	165	2	196
H-9	571	420	375	190	2	196
H-10	631	480	435	220	2	196
H-11	691	540	495	250	2	196
H-12	751	600	555	280	2	196
H-13	781	630	585	190	3	196
H-14	871	720	675	220	3	196
H-15	961	810	765	250	3	196
H-16	1051	900	855	280	3	196
H-17	1111	960	915	220	4	196
H-18	1231	1080	1035	250	4	196
H-19	1351	1200	1155	280	4	196
H-20	1351	1200	1155	220	5	196
H-21	1501	1350	1305	250	5	196
H-22	1591	1440	1395	220	6	196
H-23	1651	1500	1455	280	5	196
H-24	1771	1620	1575	250	6	196
H-25	1951	1800	1755	280	6	196
H-26	2041	1890	1845	250	7	196
H-25	2251	2100	2055	280	7	196

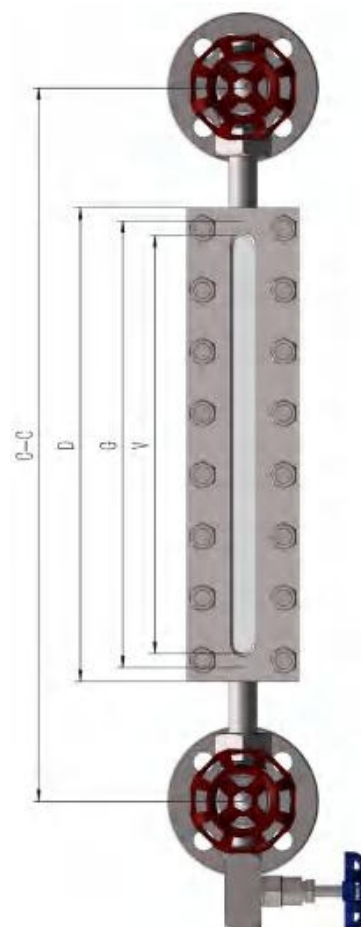


Model: TBS-A Transparent Level Gauge

Pressure	<7MPa, <16MPa	Temperature	<250 C, <450 C
Material	Carbon steel, Stainless steel	Flange	DN15 DN20 DN25, DN40, DN50, 3/4", 1", 1-1/4", 1.5", 2"



Model	Min C-C	Body D	visible length V(+2/0)	Glass length G	section	blind part
M-1	273	135	95	115	1	178
M-2	298	160	120	140	1	178
M-3	323	185	145	165	1	178
M-4	348	210	170	190	1	178
M-5	378	240	200	220	1	178
M-6	408	270	230	250	1	178
M-7	438	300	260	280	1	178
M-8	478	340	300	320	1	178
M-9	498	360	320	340	1	178
M-10	558	420	380	190	2	178
M-11	618	480	440	220	2	178
M-12	678	540	500	250	2	178
M-13	738	600	560	280	2	178
M-14	818	680	640	320	2	178
M-15	858	720	680	340	2	178
M-16	948	810	770	250	3	178
M-17	1038	900	860	280	3	178
M-18	1158	1020	980	320	3	178
M-19	1218	1080	1040	340	3	178
M-20	1338	1200	1160	280	4	178
M-21	1498	1360	1320	320	4	178
M-22	1578	1440	1400	340	4	178
M-23	1638	1500	1460	280	5	178
M-24	1838	1700	1660	320	5	178
M-25	1938	1800	1760	340	5	178
M-26	2178	2040	2000	320	6	178
M-27	2298	2160	2120	340	6	178
M-28	2658	2520	2480	340	7	178



Welcome to contact us for Other size.

Model: ISEN-RFL-40AC Transparent Level Gauge

Pressure	<4MPa	Temperature	<250 C, <450 C
Material	Carbon Steel	Flange	DN15 DN20 DN25, 3/4" 1" 1-1/4"



Model	MinC-C	Body D	Visiblelength V(+2/0)	Glasslength G	section	Blind part
11	235	128	91	115	1	144
12	260	153	116	140	1	144
13	285	178	141	165	1	144
14	310	203	166	190	1	144
15	340	233	196	220	1	144
16	370	263	226	250	1	144
17	400	293	256	280	1	144
18	440	333	296	320	1	144
19	460	353	313	340	1	147
24	515	406	367	190	2	148
25	575	466	427	220	2	148
26	635	526	489	250	2	146
27	695	586	549	280	2	146
28	775	666	628	320	2	147
29	815	706	668	340	2	147
36	900	789	751	250	3	149
37	990	879	841	280	3	149
38	1110	999	961	320	3	149
39	1170	1059	1021	340	3	149
47	1285	1172	1134	280	4	151
48	1445	1332	1294	320	4	151
49	1525	1412	1374	340	4	151
57	1580	1465	1427	280	5	153
58	1780	1665	1627	320	5	153
59	1880	1765	1727	340	5	153
68	2115	1998	1960	320	6	155
69	2235	2118	2080	340	6	155
79	2590	2471	2433	340	7	157

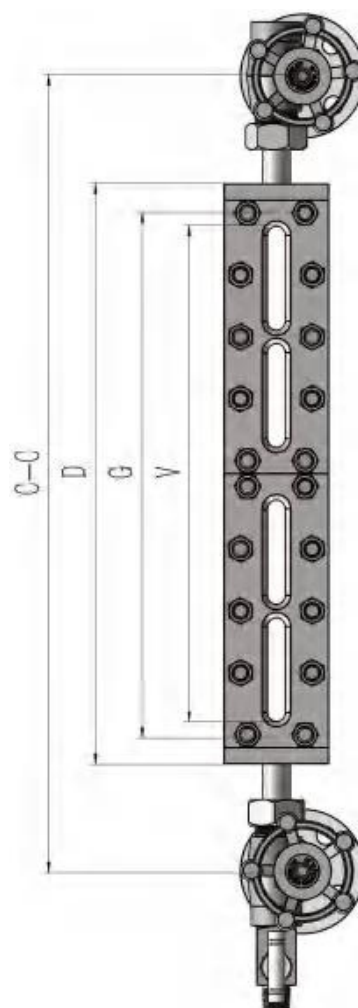
Other size can be design.

Model: UI-CV-F-A Transparent Level Gauge

Pressure	<16MPa	Temperature	<250 C, <450 C
Material	Forged steel	Flange	DN15 DN20 DN25, DN40, DN50, 3/4", 1", 1-1/4", 1.5", 2"



Model	MinC-C	Body D	visible Length V(+2/0)	Glass length G	section	Blind part
H-1	286	90	135	115	1	196
H-2	311	115	160	140	1	196
H-3	336	140	185	165	1	196
H-4	361	165	210	190	1	196
H-5	391	195	240	220	1	196
H-6	421	225	270	250	1	196
H-7	451	255	300	280	1	196
H-8	521	325	370	165	2	196
H-9	571	375	420	190	2	196
H-10	631	435	480	220	2	196
H-11	691	495	540	250	2	196
H-12	751	555	600	280	2	196
H-13	781	585	630	190	3	196
H-14	871	675	720	220	3	196
H-15	961	765	810	250	3	196
H-16	1051	855	900	280	3	196
H-17	1111	915	960	220	4	196
H-18	1231	1035	1080	250	4	196
H-19	1351	1155	1200	280	4	196
H-20	1501	1305	1350	250	5	196
H-21	1651	1455	1500	280	5	196
H-22	1771	1575	1620	250	6	196
H-23	1951	1755	1800	280	6	196
H-24	2041	1845	1890	250	7	196
H-25	2251	2055	2100	280	7	196



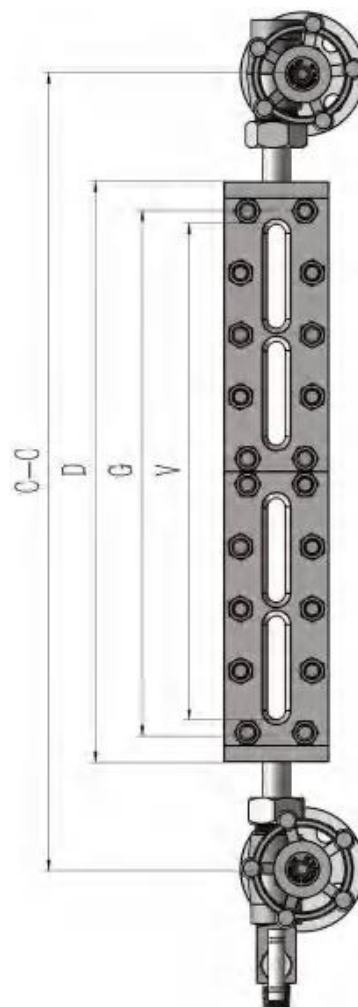
Other size can be design, too.

Model: ISEN-UI-CV-F-HT Transparent Level Gauge

Pressure	<16MPa	Temperature	<250 C, <450 C
Material	Forged steel	Flange	DN15 DN20 DN25,DN40,DN50, 3/4", 1", 1-1/4", 1.5", 2"



Model	Min C-C	Body D	visible Length V(+2/0)	Glass length G	section	Blind part
H-1	286	135	90	115	1	196
H-2	311	160	115	140	1	196
H-3	336	185	140	165	1	196
H-4	361	210	165	190	1	196
H-5	391	240	195	220	1	196
H-6	421	270	225	250	1	196
H-7	451	300	255	280	1	196
H-8	521	370	325	165	2	196
H-9	571	420	375	190	2	196
H-10	631	480	435	220	2	196
H-11	691	540	495	250	2	196
H-12	751	600	555	280	2	196
H-13	781	630	585	190	3	196
H-14	871	720	675	220	3	196
H-15	961	810	765	250	3	196
H-16	1051	900	855	280	3	196
H-17	1111	960	915	220	4	196
H-18	1231	1080	1035	250	4	196
H-19	1351	1200	1155	280	4	196
H-20	1351	1200	1155	220	5	196
H-21	1501	1350	1305	250	5	196
H-22	1591	1440	1395	220	6	196
H-23	1651	1500	1455	280	5	196
H-24	1771	1620	1575	250	6	196
H-25	1951	1800	1755	280	6	196
H-26	2041	1890	1845	250	7	196
H-25	2251	2100	2055	280	7	196



Other size can be produced on order.

Non-blind type glass plate level gauge

Pressure	<16MPa	Temperature	<250C,<450C
Material	Forged steel	Flange	DN15DN20DN25,DN40,DN50, 3/4", 1", 1-1/4", 1.5", 2"



ISEN-TBS-FW blindless Reflex Level Gauge



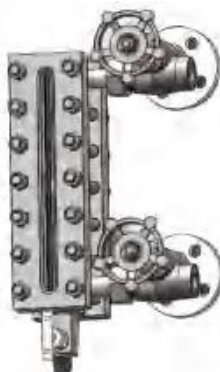
ISEN-TBS-AW Transparent Level Gauge



ISEN-TBS-FWH high pressure
Reflex Level Gauge



ISEN-CVF-TWH high pressure wide
chamber transparent level gauge



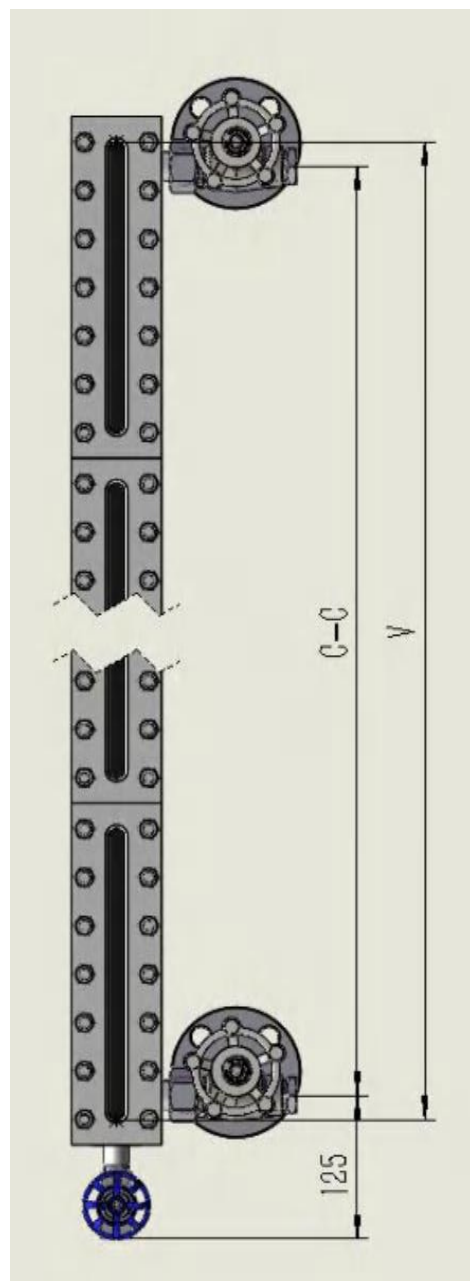
ISEN-CVF-TW Transparent level gauge



ISEN-CVF-TW transparent level gauge

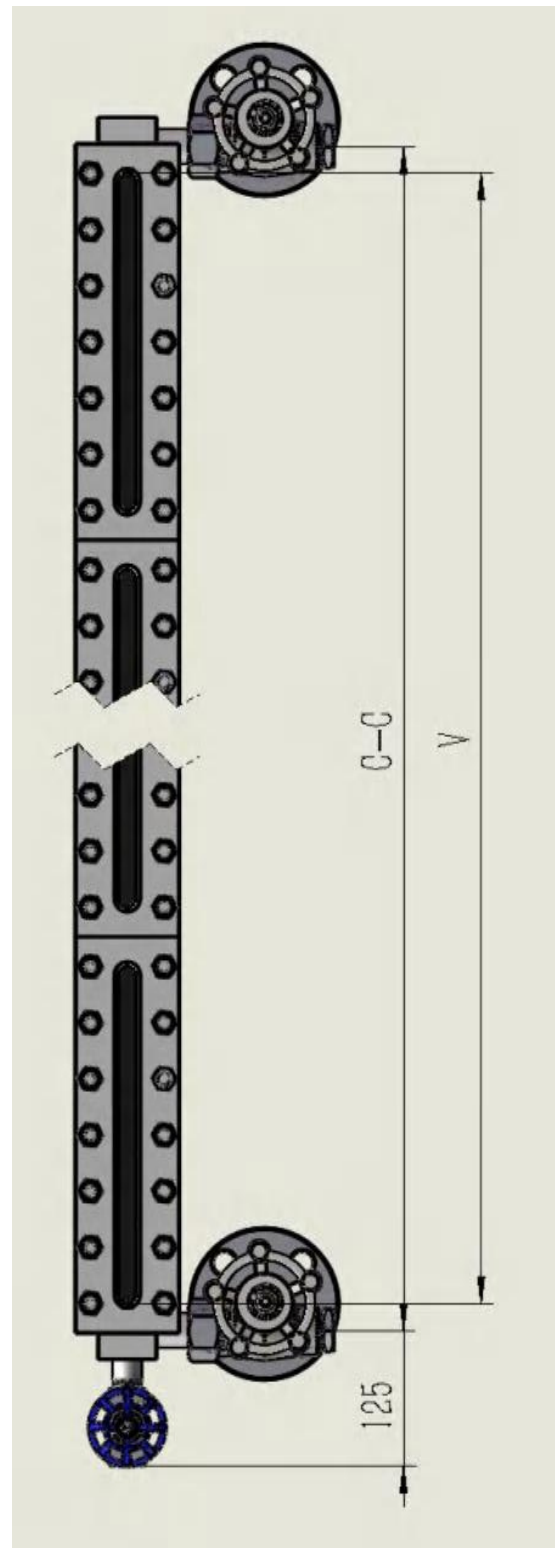
Non-blind type glass plate level gauge dimensions (Visible length > C to C distance)

Model	C-C	visible	Glass	section
		Length	length	
		V(+2/0)	G	
H-1	55	90	115	1
H-2	80	115	140	1
H-3	105	140	165	1
H-4	130	165	190	1
H-5	160	195	220	1
H-6	190	225	250	1
H-7	220	255	280	1
H-8	240	275	300	1
H-9	260	295	320	1
H-10	280	315	340	1
H-11	290	325	165	2
H-12	340	375	190	2
H-13	400	435	220	2
H-14	460	495	250	2
H-15	520	555	280	2
H-16	550	585	190	3
H-17	560	595	300	2
H-18	600	635	320	2
H-19	640	675	340	2
H-20	640	675	220	3
H-21	730	765	250	3
H-22	820	855	280	3
H-23	880	915	220	4
H-24	940	975	320	3
H-25	1000	1035	250	4
H-26	1120	1155	280	4
H-27	1200	1235	300	4
H-28	1270	1305	250	5
H-29	1280	1315	320	4
H-30	1360	1395	340	4
H-31	1420	1455	280	5
H-32	1540	1575	250	6
H-33	1720	1755	280	6
H-34	1810	1845	250	7
H-35	2020	2055	280	7



Non-blind type glass plate level gauge dimensions (Visible length < C to C distance)

Code	C-C	visible	Glass	section
		Length	length	
		V(+2/0)	G	
S-1	135	90	115	1
S-2	160	115	140	1
S-3	185	140	165	1
S-4	210	165	190	1
S-5	240	195	220	1
S-6	270	225	250	1
S-7	300	255	280	1
S-8	320	275	300	1
S-9	340	295	320	1
S-10	360	315	340	1
S-11	370	325	165	2
S-12	420	375	190	2
S-13	480	435	220	2
S-14	540	495	250	2
S-15	600	555	280	2
S-16	630	585	190	3
S-17	640	595	300	2
S-18	680	635	320	2
S-19	720	675	340	2
S-20	720	675	220	3
S-21	810	765	250	3
S-22	900	855	280	3
S-23	960	915	220	4
S-24	1020	975	320	3
S-25	1080	1035	250	4
S-26	1200	1155	280	4
S-27	1280	1235	300	4
S-28	1350	1305	250	5
S-29	1360	1315	320	4
S-30	1440	1395	340	4
S-31	1500	1455	280	5
S-32	1620	1575	250	6
S-33	1800	1755	280	6
S-34	1890	1845	250	7
S-35	2100	2055	280	7



ISEN-B69H-16 mica sheet Two Color high pressure Level Gauge

For monitoring the water level of power plant boiler drum of thermal power generating set.

- Centertocenterdistance: on order
- Nominal pressure: 16-32MP
- working temperature: saturated steam
- Connection size: OD 28x4mm welding or made on needs
- **Red for air, and green for water**
- Lamp type: LED with power: 220VAC
- A with two line glass window, no interrupt zone for level view.

B With one line glass window, have interrupt zone.



ISEN-B49H-1.6 Economy type two color glass Level Gauge

Model	B49H-25		
Name	Bi-color Flat glass level gauge		
PN	1.6~4.0(MPa)		
DN	25(mm)		
C-C	300~440(mm)		
Temp.	≤250°C		
Material	Carbon steel		
Lamp	power AC 36V+/-4V		
Nominal diameter	1.60MPa	2.50MPa	4.00MPa
Test Pressure	2.45	3.80MPa	6MPa
Visible length	165~195mm		
Center to Center	300, 330, 350, 400 (mm)		
Indicator color	Red for Liquid, green for air		
View angle	20°		
View distance	<60m		



Other similar types



ISEN-ULB-F Boat Fuel Reflex Glass Level Gauge

structural features The level gauge is fitted with a steel ball in each of the upper and lower valves. When the glass plate suddenly broke in an accident. Under the action of the inside pressure, the steel ball in the container will automatic seal, this will prevent the injection or continued outward flow of the liquid. And ensured the safety of the person and equipment. A sampling plug is installed at the lower end of the level gauge, which can be open for sampling or maintenance.



Technique Information:

A, reading error: plus or minus 0.5cm B, measure the height range of liquid level This level gauge is based on the installation center distance H (the distance between the center line of the upper and lower valves of the level gauge). The scale range on the glass plate is H1. The corresponding relation between H and H1 is shown in bellow table.

Material:

Glass	Gasket	Chamber	valve	Cover flange	Flange
Borosilicate	Rubber	Stainless Steel	SS304	SS304	SS304

Suitable working condition:

Fluid: water or fuel oil

Process pressure: <0.3MPa

Process temperature: <80 °C

Dimension

H (mm)	500	600	800	1000	1200	1400	1600	1800	2000
H1(mm)	340	440	640	840	1040	1240	1440	1640	1840

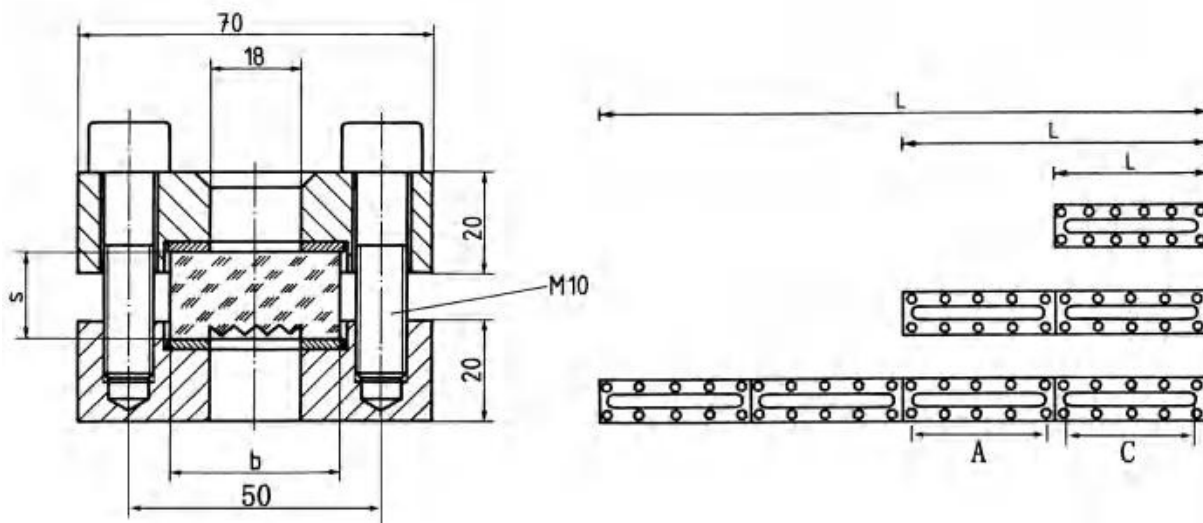
ISEN-HG5-1370-80 Lumiglas Sight Glass Fitting Rectangular

The base flange of the sight glass unit is welded into or onto the vessel wall; the glass plate with gasket either side is firmly held in place by bolted on cover flange.

- 1) Suitable pressure: 0.6MPa, 1.6Mpa or other
- 2) Working temperature: $\leq 250^{\circ}\text{C}$
- 3) Material: Carbon steel, Stainless steel, Titanium or other



- Dimensions of Lumiglas sight glass fitting rectangular:



size		1	2	3	4	5	6	7	8	9	10	11	12	13
fitting	L	170	195	210	250	300	350	400	440	500	600	700	800	1000
sight glass plate*	section	1	1	1	1	1	1	1	2	2	2	2	2	4
	Glass	140	165	190	220	280	320	370	190	220	280	320	370	220
Width*thick =34*17	C	124	149	174	204	264	304	354	174*2	204*2	264*2	304*2	354*2	204*4
	Boltqty	8	10	10	12	14	16	18	20	24	28	32	36	40

Standard is reflex glass. Transparent type glass is optional when needs.

Other Sight glasses (Special order is acceptable on order).



4. Typical Glass sizes of Level Gauge

Items	TYPE A flat/groove			TYPE B flat/groove			TYPE H Flat			TYPE TA 28 flat		
	L	W	H	L	W	H	L	W	H	L	W	H
000				85	34	17						
00				90	34	17						
0				95	34	17						
1	115	30	17	115	34	17	-	-	-	113	27,6	16,8
2	140	30	17	140	34	17	140	34	22	-	-	-
3	165	30	17	165	34	17	165	34	22	163	27,6	16,8
4	190	30	17	190	34	17	190	34	22	188	27,6	16,8
5	220	30	17	220	34	17	220	34	22	218	27,6	16,8
6	250	30	17	250	34	17	250	34	22	248	27,6	16,8
7	280	30	17	280	34	17	280	34	22	278	27,6	16,8
8	320	30	17	320	34	17	320	34	22	318	27,6	16,8
9	340	30	17	340	34	17	340	34	22	338	27,6	16,8
10	370	30	17	370	34	17	-	-	-	-	-	-
11	400	30	17	400	34	17	-	-	-	-	-	-
12	450	30	17	450	34	17	-	-	-	-	-	-
13	500	30	17	500	34	17	-	-	-	-	-	-

Other shapes of glass

Model	Sizes				
Single groove	140*40*33	165*40*33	190*40*33	218*40*33	218*43*34
double grooved glass	165*34*20	190*34*20	218*34*20		
double color center grooved sight glass	165*34*22 320*34*22	190*34*22 340*34*22	218*34*22	250*34*22	280*34*22
Regular triangular glass	165*44*22	190*44*22	216*44*22		
Partial prism glass	120*50*22	165*50*22	186*50*22	190*50*22	216*50*22
double color center grooved sight glass	165*34*22 320*34*22	190*34*22 340*34*22	218*34*22	250*34*22	280*34*22