KENCO KWR & KWT Weld Pad Style Flat Glass Gauges

OVERVIEW

Kenco weld pad style flat glass gauges are produced and assembled at our state-of-the-art manufacturing facility in Tulsa, Oklahoma. Weld pad gauges are designed to be welded directly to the vessel wall and are available with either reflex or transparent glass configurations. Transparent configurations can be provided with mica or Kel-F shields if needed. Multiple different ASME approved material options are offered for the wetted chamber. All materials meet or exceed ASTM standards to withstand even the most demanding application requirements. In addition to the different material options offered, the gauge chamber can also be supplied with an optional machined radius to match the curvature of the vessel when required.

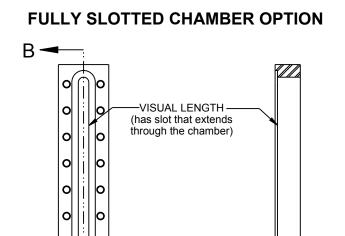
FEATURES

- · Designed to be welded directly to vessel
- · Available with reflex or transparent style glass configurations
- Transparent styles can be supplied with mica or Kel-F shields
- Chamber visual length can be supplied either fully slotted or with 2 holes and a channel. See details at bottom of page for more information
- Fully slotted chamber allows viewing of viscous liquids and liquids with solids with no piping to clog
- ASME approved materials to meet most application requirements
- 2" minimum to 12" maximum vessel matching radius can be machined in chamber upon request
- Gauges available in visual lengths from 3-3/4" to 55"
- Optional steel spacer available to reduce the risk of warpage to the gasket surface during welding
 process
- · All forged components produced entirely from USA origin materials

Weld pad gauges should be used in non-critical applications since the vessel must be taken out of service, depressurized and drained before any maintenance is performed on the gauge. See the Installation/Operation manual for more details and minimum required safety precautions.

Standard weld pad gauges will withstand the pressure loads inside the gauge itself but are not designed to replace the strength lost in the wall of the vessel where the slot or holes are cut. It is impossible for the gauge manufacturer to determine the loading the vessel will impose on the gauge, therefore it is not possible to provide a pressure rating for a weld pad gauge.





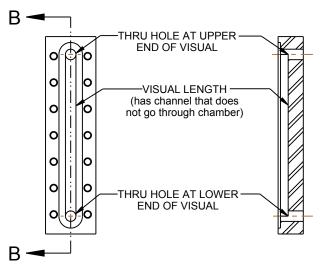


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- Provides the best visual inspection of the fluid in the vessel
- Excellent for viewing the interface of two different liquids
- Recommended for use with transparent glass but can be used with reflex glass on vessels that are not fully slotted.

TWO HOLE CHAMBER OPTION

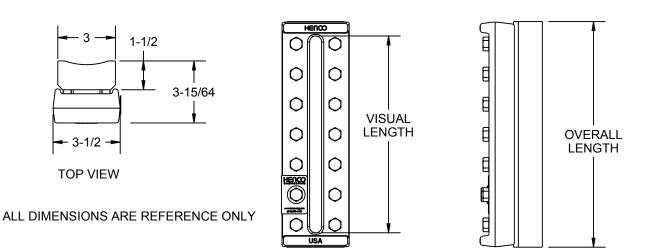


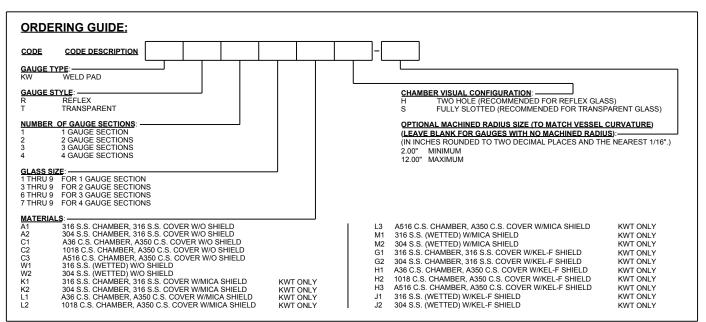
- Visual slot is a channel that does not go through the chamber. Liquid travels through the holes and into the channel
- Provides reinforcement for a stronger installation
- Typically the vessel is drilled instead of slotted
- Reflex glass recommended



NUMBER OF GAUGE SECTIONS	GLASS SIZE	VISIBLE LENGTH (inches)	OVERALL LENGTH (inches)	NUMBER OF GAUGE SECTIONS	GLASS SIZE	VISUAL LENGTH (inches)	OVERALL LENGTH (inches)
1	1	3.750	5.250	2	6	19.750	21.250
	2	4.750	6.250		7	22.000	23.500
	3	5.750	7.250		8	25.250	26.750
	4	6.750	8.250		9	26.750	28.250
	5	7.875	9.375	3	6	30.375	31.875
	6	9.125	10.625		7	33.750	35.250
	7	10.250	11.750		8	38.625	40.125
	8	11.875	13.375		9	40.875	42.375
	9	12.625	14.125	4	7	45.500	47.000
2	3	13.000	14.500		8	52.000	53.500
	4	15.000	16.500		9	55.000	56.500
	5	17.250	18.750				







* Refer to the Kenco "Flat Glass Liquid Level Gauges and Valves" brochure available on our website for more comprehensive details about Kenco flat glass gauges

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