

# 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.

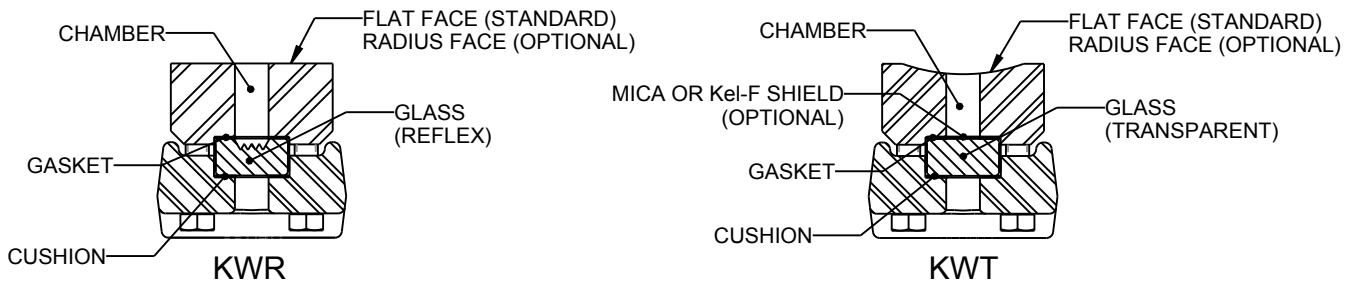


## FEATURES

- 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
- 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.



**ORDERING GUIDE:**

CODE	CODE DESCRIPTION						
<b>GAUGE TYPE:</b>							
KW	WELD PAD						
<b>GAUGE STYLE:</b>							
R	REFLEX						
T	TRANSPARENT						
<b>NUMBER OF GAUGE SECTIONS:</b>							
1	1 GAUGE SECTION						
2	2 GAUGE SECTIONS						
3	3 GAUGE SECTIONS						
4	4 GAUGE SECTIONS						
<b>GLASS SIZE:</b>							
1 THRU 9	FOR 1 GAUGE SECTION						
3 THRU 9	FOR 2 GAUGE SECTIONS						
6 THRU 9	FOR 3 GAUGE SECTIONS						
7 THRU 9	FOR 4 GAUGE SECTIONS						
<b>MATERIALS:</b>							
A1	316 S.S. CHAMBER, 316 S.S. COVER W/O SHIELD						
A2	304 S.S. CHAMBER, 316 S.S. COVER W/O SHIELD						
C1	A36 C.S. CHAMBER, A350 C.S. COVER W/O SHIELD						
C2	1018 C.S. CHAMBER, A350 C.S. COVER W/O SHIELD						
C3	A516 C.S. CHAMBER, A350 C.S. COVER W/O SHIELD						
W1	316 S.S. (WETTED) W/O SHIELD						
W2	304 S.S. (WETTED) W/O SHIELD						
K1	316 S.S. CHAMBER, 316 S.S. COVER W/MICA SHIELD					KWT ONLY	
K2	304 S.S. CHAMBER, 316 S.S. COVER W/MICA SHIELD					KWT ONLY	
L1	A36 C.S. CHAMBER, A350 C.S. COVER W/MICA SHIELD					KWT ONLY	
L2	1018 C.S. CHAMBER, A350 C.S. COVER W/MICA SHIELD					KWT ONLY	
L3	A516 C.S. CHAMBER, A350 C.S. COVER W/MICA SHIELD						KWT ONLY
M1	316 S.S. (WETTED) W/MICA SHIELD						KWT ONLY
M2	304 S.S. (WETTED) W/MICA SHIELD						KWT ONLY
G1	316 S.S. CHAMBER, 316 S.S. COVER W/KEL-F SHIELD						KWT ONLY
G2	304 S.S. CHAMBER, 316 S.S. COVER W/KEL-F SHIELD						KWT ONLY
H1	A36 C.S. CHAMBER, A350 C.S. COVER W/KEL-F SHIELD						KWT ONLY
H2	1018 C.S. CHAMBER, A350 C.S. COVER W/KEL-F SHIELD						KWT ONLY
H3	A516 C.S. CHAMBER, A350 C.S. COVER W/KEL-F SHIELD						KWT ONLY
J1	316 S.S. (WETTED) W/KEL-F SHIELD						KWT ONLY
J2	304 S.S. (WETTED) W/KEL-F SHIELD						KWT ONLY

**OPTIONAL MACHINED RADIUS SIZE (TO MATCH VESSEL CURVATURE)  
(LEAVE BLANK FOR GAUGES WITH NO MACHINED RADIUS):  
(IN INCHES ROUNDED TO TWO DECIMAL PLACES AND THE NEAREST 1/8")**

2.00" MINIMUM  
12.00" MAXIMUM

\* 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

**Represented by  
Kenco Sales Offices:**

**Headquarters:**  
10001 E 54th St.  
Tulsa, Oklahoma 74146  
phone 918.663.4406  
fax 918.663.4480  
www.kenco-eng.com  
email: info@kenco-eng.com

**Baton Rouge Office:**  
11616 Industriplex, Suite 7  
Baton Rouge, LA 70809  
phone 225.755.1912  
fax 225.755.1913  
www.kenco-eng.com  
email: kenco-la@kenco-eng.com

