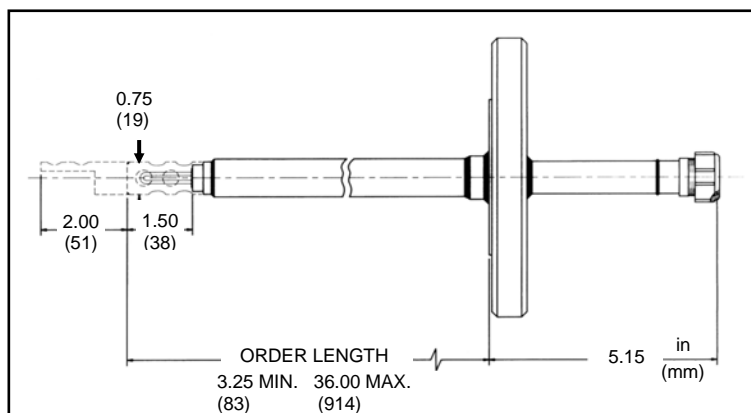


Model 2620/2620G CORROSOMETER[®] Probe

LOOP ELEMENT



Specifications:

- **Mounting** — Standard ANSI, API RJ or RF Flanges
- **Temp. Rating** — +500° F (+260° C) subject to flange rating
- **Pressure Rating** — 4000 PSI (27.6 MPa) subject to flange rating
- **Probe Element Seal** — Teflon[®] coating, epoxy encapsulation (2620) Glass/Metal seal, epoxy encapsulation (2620G)
- **Process Containment Seal** — High pressure glass-metal seal connector (Additional/Alternate seals available for special service conditions)
- **Fill Material** — Epoxy
- **Body Material** — 316 S.S.

Model 2620/2620G fixed process probes are designed for severe duty service, where retractable or fixed threaded probes are not permitted by plant or other regulations.

The Model 2620 is available in a wide range of alloys since glass/metal seals are not used on the element. The Model 2620G provides a higher integrity element seal but is available in a more limited range of alloys (see Table 1). For some of the higher alloys such as titanium, inconel, monel etc., the Model 2620/2620G can be more economical than the severest duty Model 2520 since the

body material does not have to be of the same alloy as the element. Bodies made from 316 SS are used for the low alloys and bodies made from Hastelloy C-276 for the high alloys. Probes are available in a wide range of alloys, flange sizes, and probe lengths. Additional special process containment seals are available where process conditions warrant.

Maximum pressure and temperature conditions are frequently limited by the standard flange rating rather than the CORROSOMETER[®] probe construction.

Element Availability:

UNS Number	Alloy Code	Alloy	S4	S8	T4	T8	W40	W80	UNS Number	Alloy Code	Alloy	S4	S8	T4	T8	W40	W80
K03005	-----	Pipe Grade Carbon Steel	•	•	•□	•□	•□	•□	N06600	8057	Inconel 600	•				•	
G41300	8005	4130 Carbon Steel					•		N06625	8058	Inconel 625					•	
S30400	8013	304 S.S.	•		•	•□	•□	•	C71500	8060	Cu/Ni 70/30 CDA #715				•	•	
S30403	8014	304L S.S.	•	•	•	•□	•□	•□	C11000	8061	Copper 110 ETP	•	•	•			
S31600	8020	316 S.S.	•	•	•□	•□	•□	•□	C70610	8062	CuNi 90/10 CDA #706			•		•	
S31603	8021	316L S.S.			•□	•□	•□	•□	C44300	8073	Ars. Adm. Brass CDA #443	•	•		•	•	
S31000	8018	310 S.S.					•		A95154	8078	Aluminum 5154					•	
S31700	8022	317 S.S.						•	A96061	8079	Aluminum 6061				•	•	
S32100	8024	321 S.S.	•		•	•	•□	•	A91100	8080	Aluminum 1100				•	•	
S41000	8030	410 S.S.			•		•□		N10665	8086	Hastelloy B2						•
S50200	8040	502SS (5% Cr 1/2% Mo)				•	•		N10276	8088	Hastelloy C-276			•		•□	
N08020	8043	Carpenter 20-CB3			•		•		N06007	8089	Hastelloy G					•□	
-----	8046	9% Cr 1% Mo*					•□		Z21220	8090	Zinc 1A, 1, 2, 3, 4, 5*		•				
-----	8047	1% Cr 1/2% Mo					•		R50400	8093	Titanium GR 2 & 4			•		•□	
N02200	8048	Nickel 200			•		•	•	K03101	8101	ASTM A515 Grade 70						•
N04400	8054	Monel 400	•		•		•□										
		Inches Useful Range (mm)	.001 .025	.002 .051	.002 .051	.004 .100	.010 .250	.020 .510			Inches Useful Range (mm)	.001 .025	.002 .051	.002 .051	.004 .100	.010 .250	.020 .510

- Model 2620
- Model 2620G

Table 1

Other element alloys or styles may be supplied subject to material availability.

Ordering Information: Unit Weight: 3 lbs/1.36 kg

Model	Fixed Flanged Mounting CORROSOMETER® Probe Assembly
2620	Complete Probe Assembly (non-glass-sealed elements)
2620G	Complete Probe Assembly (glass-sealed elements)
Code	Element Form: See Table 1 for availability
S4	(2620 only) Strip Loop, 4 mil thickness (1 mil useful probe life)
S8	(2620 only) Strip Loop, 8 mil thickness (2 mil useful probe life)
T4	Tube Loop, 4 mil thickness (2 mil useful probe life)
T8	Tube Loop, 8 mil thickness (4 mil useful probe life)
W40	Wire Loop, 40 mil diameter (10 mil useful probe)
W80	Wire Loop, 80 mil diameter (20 mil useful probe)
Code	Element Alloy: See Table 1 for availability
YYYYYY	Enter UNS number
Code	Probe Length: Probe tip to flange face
ZZ.ZZ	From 2.5 to 36.00 inches in 0.5 inch increments
Code	Flange Size
1.5	Nominal 1.5 inch
2.0	Nominal 2.0 inch
S.S.	Other Size (Specify)
Code	Flange/Rating Type
71	ANSI 150# RF
72	ANSI 300# RF
73	ANSI 4/600# RF
42	ANSI 4/600# RJ
43	ANSI 9/1500# RJ
UU	Other (Specify)
Code	Flange Material
S31600	316 SS for low alloy elements
N10276	Hastelloy C-276 for high alloy elements
Code	Shield Options
0	Not Included
1	Standard*
2	High Velocity*
3	Coupon Holding*
	*1 - (as shown) (liquids to 20 ft/sec, gases 60 ft/sec)
	*2 - (liquids to 50 ft/sec, gases 150 ft/sec)
	*3 - (liquids to 20 ft/sec, gases 60 ft/sec)
2620	T4
K03005	16.00
1.5	71
S31600	1
	Example



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