

PRESSURE/VACUUM GAUGES

HOW TO ORDER

MEASUREMENT
NIL—PRESSURE
Z—VACUUM

THREAD LOCATION
NIL—BACK MOUNT
A—BOTTOM MOUNT
B—LEFT SIDE MOUNT
C—TOP MOUNT
D—RIGHT SIDE MOUNT

CASE SIZE
27—1" (27mm)
40—1 1/2" (40mm)
50—2" (50mm)
FOR LARGER SIZES, CONSULT FACTORY

CASE/THREAD MATERIAL
(FOR K27, CASE & THREAD MATERIAL ARE SPECIFIED BY THE THREAD MATERIAL)
NIL—ABS/BRASS
A—POLYAMID/POLYAMID (K27 ONLY)
N—STAINLESS STEEL/Ni PLATED BRASS (N/A K40)
P—PAINTED STEEL/BRASS (N/A K27)
S—STAINLESS STEEL/STAINLESS STEEL (N/A K27)

PRESSURE UNITS

PRESSURE ONLY	VACUUM ONLY	PRESSURE & VACUUM (COMPOUND GAUGE)
NIL—MPa B—bar K—KPa M—MPa P—psi	NIL—NO PRESSURE UNITS	B—bar K—KPa M—MPa P—psi

NIL = COMBINATION NOT POSSIBLE
X = COMBINATION POSSIBLE
(CONSULT FACTORY FOR MIN ORDER QTY AND DELIVERY)

AUXILLARY OPTION

NIL—NO OPTION
B—0² CLEAN/NO OIL
C—PANEL MOUNT
C1—PANEL MOUNT W/POLISHED SS RING ON ABS CASE
C2—PANEL MOUNT WITH ADAPTER RING
L—LIQUID FILLED
M—MARK POINTER
R—RESTRICTOR (.012" DIA)
S—SAN CONVEX LENS
W—WASHDOWN (METAL CASE ONLY)

THREAD OPTION

M—M5 FEMALE THREAD (STANDARD)
S—SEALANT (STANDARD)

THREAD SIZE

01—1/8
02—1/4

THREAD TYPE

NIL—R(PT)
N—NPT

VACUUM UNITS

NIL—NOT A VACUUM GAUGE
A—mmHg
C—inHg

SCALE

NIL—VACUUM ONLY
0.1—0.1 MPa (15 psi)
0.2—0.2 MPa (30 psi)
0.4—0.4 MPa (60 psi)
0.7—0.7 MPa (100 psi)
1.0—1.0 MPa (160 psi)
1.5—1.5 MPa (225 psi)
2.0—2.0 MPa (300 psi)

COMBINATION TABLE

COMBINATION TABLE		(CONSULT FACTORY FOR MIN ORDER QTY AND DELIVERY)																																								
		THREAD LOCATION				CASE SIZE			CASE/THREAD MATERIAL				UNITS				SCALE								VACUUM UNITS		THREAD TYPE	THREAD SIZE	THREAD OPTION	AUXILIARY OPTION												
		A	B	C	D	27	40	50	A	N	P	S	B	K	M	P	0.1	0.2	0.4	0.7	1.0	1.5	2.0	A	C	NIL	N	01	02	M	S	B	C	C1	C2	L	M	R	S	W		
THREAD LOCATION	A						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	
	B						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	
	C						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X	
	D						X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X
CASE SIZE	27								X								X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X					X		X		
	40	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CASE/THREAD MATERIAL	50	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	A					X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	
	N	X	X	X	X	X			X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	
	P	X	X	X	X	X	X			X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
UNITS	S	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	
	B	X	X	X	X	X	X		X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SCALE	P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	0.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	0.7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	1.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
VACUUM UNITS	1.5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	2.0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	C	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
THREAD TYPE	NIL	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	
	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
THREAD SIZE	01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	
	02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
THREAD OPTION	M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	
	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
AUXILIARY OPTION	B	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
	C					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		
	C1					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		
	C2					X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		
	L	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
W	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

Important delivery information:

Part numbers derived from this page are made to order and will have longer lead-times up to 14 weeks. If short delivery is required, SMC recommends choosing a standard stocked part number from the preceeding page. Consult factory for current lead-times of specific part numbers.