



Standard Dial Layouts

AIN 00.02

Accuracy \pm 3/2/3%, 2.5%, 1.5% & 1.0% F.S.
Types 1XX.XX and 2XX.XX
 (not including Type 2XX.34 Process Gauges)

Accuracy \pm 1.5% F.S.
Type 6XX.XX Low Pressure Gauges

PRESSURE RANGES				
Range	Size 1.5", 2" & 2.5"		Size 4" & 6"	
	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
psi	psi	psi	psi	psi
10	2	0.2	--	--
15	3	0.2	3	0.2
30	5	0.5	5	0.5
60	10	1	10	1
100	20	2	10	1
160	20	2	20	2
200	50	5	20	2
300	50	5	50	5
400	100	10	50	5
600	100	10	100	10
800	200	20	100	10
1000	200	20	100	10
1500	300	20	300	20
2000	500	50	200	20
3000	500	50	500	50
5000	1000	100	500	50
7500	1000	100	--	--
10000	2000	200	1000	100
15000	3000	200	3000	200
20000	---	---	2000	200

VACUUM RANGE				
Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
30-0 "Hg	5 "Hg	0.5 "Hg	5 "Hg	0.5 "Hg

COMPOUND RANGES				
Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
" Hg psi	" Hg psi	" Hg psi	" Hg psi	" Hg psi
30-0- 15	10 5	1 0.5	5 3	1 0.5
30-0- 30	10 10	2 1	10 5	1 0.5
30-0- 60	30 20	2 2	10 10	2 2
30-0- 100	30 20	5 2	30 10	5 2
30-0- 160	30 20	10 5	30 20	5 5
30-0- 200	30 50	10 5	30 20	5 5

ABBREVIATIONS
Fig. Inter. - spacing between numbers (figures) printed on dial.
Grad. Inter. - spacing between tick marks (graduations) printed on dial.
F.S. - full scale. All accuracies are percentages of the full scale range of the gauge.

PRESSURE RANGES				
Range	Size 2.5"		Size 4"	
	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
(dual scale)	(dual scale)	(dual scale)	(dual scale)	(dual scale)
Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water
15 (380)	5 (100)	0.5 (10)	3 (50)	0.2 (5)
30 (760)	5 (200)	0.5 (20)	5 (100)	0.5 (10)
60 (1500)	10 (500)	1 (50)	10 (300)	1 (20)
100 (2500)	20 (500)	2 (50)	10 (500)	1 (50)
200 (5000)	50 (1000)	5 (100)	20 (1000)	2 (100)

Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
(dual scale)	(dual scale)	(dual scale)	(dual scale)	(dual scale)
Oz./ (mm) Sq. in. Water	Oz./ (mm) Sq. in. Water	Oz./ (mm) Sq. in. Water	Oz./ (mm) Sq. in. Water	Oz./ (mm) Sq. in. Water
10 (400)	2 (100)	0.2 (10)	1 (100)	0.1 (10)
15 (660)	5 (100)	0.5 (10)	3 (100)	0.2 (10)
20 (880)	5 (200)	0.5 (20)	2 (200)	0.2 (20)
30 (1320)	5 (200)	0.5 (50)	5 (200)	0.5 (20)
35 (1540)	5 (500)	0.5 (50)	5 (300)	0.5 (20)
60 (2640)	10 (500)	1 (50)	10 (500)	1 (50)

Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
(dual scale)	(dual scale)	(dual scale)	(dual scale)	(dual scale)
Oz./ (In.) Sq. in. Water	Oz./ (In.) Sq. in. Water	Oz./ (In.) Sq. in. Water	Oz./ Sq. in.	Oz./ Sq. in.
20 (34)	5 (10)	0.5 (1)	--	--
32 (55)	5 (10)	0.5 (1)	--	--

Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
psi	psi	psi	psi	psi
3	0.5	0.05	0.5	0.05
5	1	0.1	0.5	0.5

VACUUM RANGE				
Range	Fig. Inter.	Grad. Inter.	Fig. Inter.	Grad. Inter.
(dual scale)	(dual scale)	(dual scale)	(dual scale)	(dual scale)
Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water	Inch. (mm) Water Water
30-0 (760)	5 (200)	0.5 (20)	5 (100)	0.5 (10)

Numbers in *italic* are dual scale ranges which are printed in red on dual scale dials

NOTE: Pointer travel in vacuum range gauges is counter-clockwise

Accuracy + 1.5% & 2.5% F.S.
Type 4XX.XX Sealgauge®

PRESSURE RANGES					
Sealgauge Size 4"					
Range		Fig. Inter.		Grad. Inter.	
in. Water		in. Water		in. Water	
5		1		0.10	
10		1		0.10	
15		3		0.25	
30		5		0.50	
60		10		1	
100		10		1	
200		20		2	
Range		Fig. Inter.		Grad. Inter.	
Oz./Sq. in.		Oz./Sq. in.		Oz./Sq. in.	
5		1		0.10	
10		1		0.10	
15		3		0.25	
20		2		0.20	
30		5		0.50	
35		5		0.50	
60		10		1	
100		20		2	
180		50		5	
Range		Fig. Inter.		Grad. Inter.	
psi		psi		psi	
10		1		0.2	
15		3		0.5	
30		5		0.5	
60		10		1	
100		10		1	
160		20		2	
200		20		2	
300		50		5	
400		50		5	
600		50		5	
VACUUM RANGE					
Range		Fig. Inter.		Grad. Inter.	
30-0 "Hg		5 "Hg		0.5 "Hg	
COMPOUND RANGES					
Range		Fig. Inter.		Grad. Inter.	
" Hg	psi	" Hg	psi	" Hg	psi
30 -0-	10	5	2	0.5	0.2
30 -0-	15	5	3	1	0.5
30 -0-	30	10	5	1	0.5
30 -0-	60	10	10	2	2
30 -0-	100	10	10	5	2
30 -0-	160	30	20	5	2
30 -0-	200	30	20	5	2
30 -0-	300	30	50	5	2
30 -0-	400	30	50	10	5

Standard Dial Layouts (con't)

NOTE: Pointer travel in vacuum range gauges is counter-clockwise

Accuracy + 0.5% F.S.
Type 2XX.34 Process Gauge

PRESSURE RANGES					
Size 4.5"					
Range		Fig. Inter.		Grad. Inter.	
psi		psi		psi	
15		1		0.1	
30		5		0.2	
60		10		0.5	
100		10		1	
160		20		1	
200		20		2	
300		50		2	
400		50		5	
600		100		5	
800		100		10	
1000		100		10	
1500		200		10	
2000		200		20	
3000		500		20	
5000		500		50	
10000		1000		100	
15000		2000		100	
20000		2000		200	
VACUUM RANGE					
Range		Fig. Inter.		Grad. Inter.	
30-0 "Hg		5 "Hg		0.2 "Hg	
COMPOUND RANGES					
Range		Fig. Inter.		Grad. Inter.	
" Hg	psi	" Hg	psi	" Hg	psi
30 -0-	15	5	3	0.5	0.2
30 -0-	30	10	5	1	0.5
30 -0-	60	10	10	1	1
30 -0-	100	30	10	2	1
30 -0-	160	30	20	5	2
30 -0-	200	30	20	5	2

Accuracy + 0.25% F.S.
Type 3X2.20 Test Gauge

PRESSURE RANGES					
Size 6"					
Range		Fig. Inter.		Grad. Inter.	
psi		psi		psi	
15		1		0.05	
30		2		0.1	
60		5		0.2	
100		10		0.5	
160		10		1	
200		20		1	
300		20		1	
400		50		2	
600		50		2	
800		100		5	
1000		100		5	
1500		100		5	
2000		200		10	
3000		200		10	
5000		500		20	
10000		1000		50	
15000		1000		50	
20000		2000		100	
VACUUM RANGE					
Range		Fig. Inter.		Grad. Inter.	
30-0 "Hg		2 "Hg		0.1 "Hg	
COMPOUND RANGES					
Range		Fig. Inter.		Grad. Inter.	
" Hg	psi	" Hg	psi	" Hg	psi
30 -0-	15	5	5	0.2	0.1
30 -0-	30	5	5	0.5	0.2
30 -0-	60	10	5	1	0.5
30 -0-	100	10	10	1	0.5
30 -0-	160	30	10	2	1
30 -0-	200	30	20	2	1

Accuracy + 0.1% F.S.
Type 342.XX Precision Test Gauge

PRESSURE RANGES					
Size 8 1/2" & 10"					
Range		Fig. Inter.		Grad. Inter.	
psi		psi		psi	
10		0.5		0.02	
15		0.5		0.02	
20		1		0.05	
30		1		0.05	
60		2		0.1	
100		5		0.2	
150		5		0.2	
200		10		0.5	
300		10		0.5	
400		20		1	
600		20		1	
800		20		1	
1000		50		2	
1500		50		2	
2000		100		5	
3000		100		5	
4000		200		10	
5000		500		10	
6000		200		10	
7500		500		20	
10000		500		20	
15000		500		20	
20000		1000		50	
Range		Fig. Inter.		Grad. Inter.	
in. Water		in. Water		in. Water	
300		10		0.5	
400		20		1	
500		20		1	
600		20		1	
800		20		1	
1000		50		2	
VACUUM RANGE					
Range		Fig. Inter.		Grad. Inter.	
30-0 "Hg		2 "Hg		0.1 "Hg	
COMPOUND RANGES					
Range		Fig. Inter.		Grad. Inter.	
" Hg	psi	" Hg	psi	" Hg	psi
30 -0-	15	2	2	0.1	0.1
30 -0-	30	2	2	0.1	0.1
30 -0-	60	5	5	0.2	0.2
30 -0-	100	10	5	0.5	0.2
30 -0-	150	10	10	1	0.5
30 -0-	300	10	10	1	0.5