

WGI Master-Temp 200/300 Bimetal Thermometers

WGI bimetal thermometers are rugged and are preferred by the process, offshore, pharmaceutical, power and chemical industries. Liquid filling is available for additional dampening, extreme vibration, or to ensure consistent performance in low temperature or high humidity applications.

Specifications

Case Material	303 SS
Pointer	Black aluminum
Lens Material	Glass
Dial	White aluminum with black lettering
Stem	1/4" O.D. 304 SS 2 1/2"–36"
Accuracy	± 1% full scale
Connection	1/4", 1/2" NPT Center back mount or 1/2" adjustable angle
External Reset	Stainless steel hex located on rear of case
Sizes	2", 3"



Temperature Range Cross Reference Chart

Series	Master-Temp 200 (2" Dial)						
Connection	1/4" NPT Center Back Mount				1/2" NPT Center Back Mount		
Stem Length	2 1/2"	4"	6"	9"	2 1/2"	4"	6"
-40°F — 160°F (-40°C — 70°C)	WL11102	WL11202	WL11302	N/S	N/S	WL21202	WL21302
0°F — 250°F (-20°C — 120°C)	WL11105	WL11205	WL11305	N/S	N/S	N/S	WL21305
50°F — 500°F (10°C — 260°C)	WL11108	WL11208	WL11308	N/S	N/S	WL21208	N/S

Series	Master-Temp 300 (3" Dial)						
Connection	1/2" NPT Center Back Mount						
Stem Length	2 1/2"	4"	6"	9"	12"	15"	18"
-40°F — 160°F (-40°C — 70°C)	WL31102	WL31202	WL31302	WL31402	WL31502	WL31602	WL31702
0°F — 250°F (-20°C — 120°C)	WL31105	WL31205	WL31305	WL31405	WL31505	WL31605	WL31705
50°F — 300°F (10°C — 150°C)	WL31106	WL31206	WL31306	WL31406	WL31506	WL31606	WL31706
50°F — 500°F (10°C — 260°C)	WL31108	WL31208	WL31308	WL31408	WL31508	WL31608	WL31708
150° — 750°F (50°C — 400°C)	WL31110	WL31210	WL31310	WL31410	WL31510	WL31610	WL31710
200° — 1,000°F (100° — 550°C)	WL31111	WL31211	WL31311	WL31411	WL31511	WL31611	WL31711

Series	Master-Temp 300 (3" Dial)						
Connection	1/2" NPT Center Back Mount Adjustable Angle						
Stem Length	2 1/2"	4"	6"	9"	12"	15"	18"
-40°F — 160°F (-40°C — 70°C)	WL33102	WL33202	WL33302	WL33402	WL33502	WL33602	WL33702
0°F — 250°F (-20°C — 120°C)	WL33105	WL33205	WL33305	WL33405	WL33505	WL33605	WL33705
50°F — 300°F (10°C — 150°C)	WL33106	WL33206	WL33306	WL33406	WL33506	WL33606	WL33706
50°F — 500°F (10°C — 260°C)	WL33108	WL33208	WL33308	WL33408	WL33508	WL33608	WL33708
150°F — 750°F (50°C — 400°C)	WL33110	WL33210	WL33310	WL33410	WL33510	WL33610	WL33710
200°F — 1,000°F (100°C — 550°C)	WL33111	WL33211	WL33311	WL33411	WL33511	WL33611	WL33711

Temperature Gauges

WGI Master-Temp 500 Bimetal Thermometers

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Specifications

Case Material	303 SS
Pointer	Black aluminum
Lens Material	Glass
Dial	White aluminum with black lettering
Stem	1/4" O.D. 304 SS 2 1/2" –36"
Accuracy	± 1% full scale
Connection	1/2" NPT Center back mount or 1/2" adjustable angle
External Reset	Stainless steel hex located on rear of case
Sizes	5"

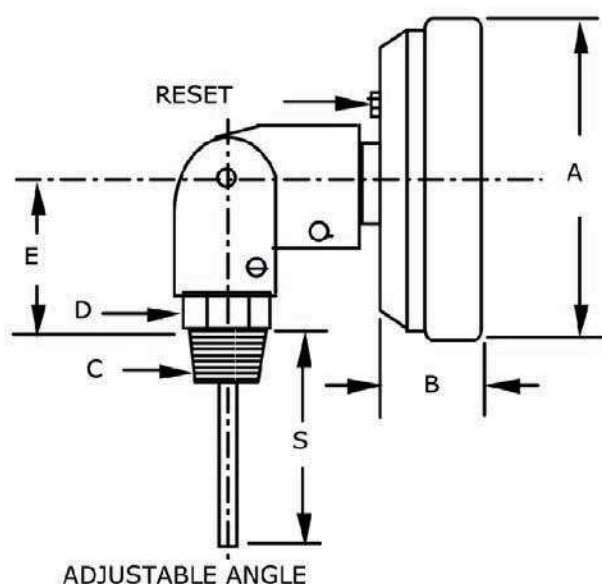
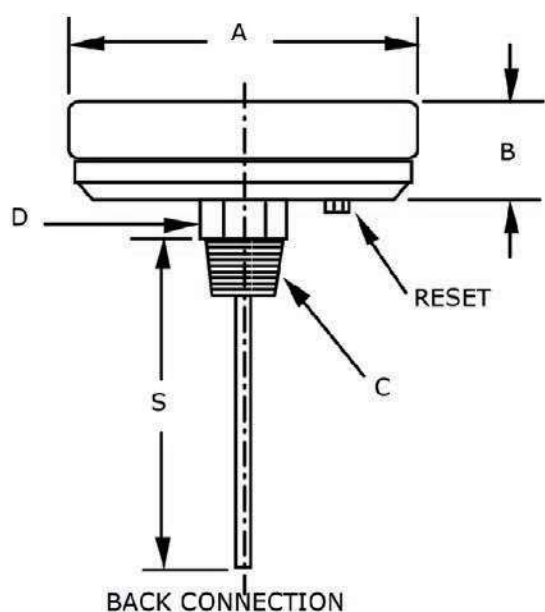


Temperature Range Cross Reference Chart

Series	Master-Temp 500 (5" Dial)						
Connection	1/2" NPT Center Back Mount						
Stem Length	2 1/2"	4"	6"	9"	12"	15"	18"
-40°F — 160°F (-40°C — 70°C)	WL51102	WL51202	WL51302	WL51402	WL51502	WL51602	WL51702
0°F — 250°F (-20°C — 120°C)	WL51105	WL51205	WL51305	WL51405	WL51505	WL51605	WL51705
50°F — 300°F (10°C — 150°C)	WL51106	WL51206	WL51306	WL51406	WL51506	WL51606	WL51706
50°F — 500°F (10°C — 260°C)	WL51108	WL51208	WL51308	WL51408	WL51508	WL51608	WL51708
150°F — 750°F (50°C — 400°C)	WL51110	WL51210	WL51310	WL51410	WL51510	WL51610	WL51710
200°F — 1,000°F (100°C — 550°C)	WL51111	WL51211	WL51311	WL51411	WL51511	WL51611	WL51711

Series	Master-Temp 500 (5" Dial)						
Connection	1/2" NPT Center Back Mount Adjustable Angle						
Stem Length	2 1/2"	4"	6"	9"	12"	15"	18"
-40°F — 160°F (-40°C — 70°C)	WL53102	WL53202	WL53302	WL53402	WL53502	WL53602	WL53702
0°F — 250°F (-20°C — 120°C)	WL53105	WL53205	WL53305	WL53405	WL53505	WL53605	WL53705
50°F — 300°F (10°C — 150°C)	WL53106	WL53206	WL53306	WL53406	WL53506	WL53606	WL53706
50°F — 500°F (10°C — 260°C)	WL53108	WL53208	WL53308	WL53408	WL53508	WL53608	WL53708
150°F — 750°F (50°C — 400°C)	WL53110	WL53210	WL53310	WL53410	WL53510	WL53610	WL53710
200°F — 1,000°F (100°C — 550°C)	WL53111	WL53211	WL53311	WL53411	WL53511	WL53611	WL53711

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Temperature Range Cross Reference Chart

Ranges	Major Divisions		Minor Divisions	
	°F	°C	°F	°C
-40°F — 160°F (-40°C — 70°C)	10	10	2	2
0°F — 250°F (-20°C — 120°C)	10	10	2	2
50°F — 300°F (10°C — 150°C)	10	10	2	2
50°F — 500°F (10°C — 260°C)	25	10	5	5
150°F — 750°F (50°C — 400°C)	50	10	10	5
200°F — 1,000°F (100°C — 550°C)	50	10	10	5

Cross Reference Chart

Part Number	Dial Size	A	B	C
WL11000	2"	2.13"	0.425"	1/4" NPT
WL21000	2"	2.13"	0.425"	1/2" NPT
WL31000	3"	3.27"	0.835"	1/2" NPT
WL33000	3"	3.27"	0.835"	1/2" NPT
WL51000	5"	5.26"	0.910"	1/2" NPT
WL53000	5"	5.26"	0.910"	1/2" NPT