

## bimetallic thermometers : ranges

standard version : DS 2.5", 3", 4", 5" (63-80-100-125 mm)

# TB7

Primary °C	
Indication Ranges	Measuring Ranges
-20...+40	-10...+30
0...+60	+10...+50
0...+100	+10...+90
0...+120	+20...+100
0...+160	+20...+140
0...+200	+20...+180
0...+300	+30...+270
0...+400	+50...+350
0...+500	+50...+450

Primary °C (external)		Secondary °F (internal)	
Indication Ranges	Measuring Ranges	Indication Ranges	Measuring Ranges
-20...+40	-10...+30	-4...+104	+14...+86
0...+60	+10...+50	+30...+140	+50...+122
0...+100	+10...+90	+32...+212	+50...+194
0...+120	+20...+100	+32...+250	+68...+212
0...+160	+20...+140	+32...+320	+68...+284
0...+200	+20...+180	+35...+400	+68...+356
0...+300	+30...+270	+35...+570	+86...+518
0...+400	+50...+350	+40...+750	+122...+662
0...+500	+50...+450	0...+930	+122...+842

"all stainless steel" version : DS 4", 5", 6" (100-125-150 mm)

# TB8

Primary °C	
Indication Ranges	Measuring Ranges
-50...+50	-40...+40
-30...+50	-20...+40
-20...+120	0...+100
-20...+80	-10...+70
-20...+40	-10...+30
0...+60	+10...+50
0...+80	+10...+70
0...+100	+10...+90
0...+120	+20...+100
0...+160	+20...+140
0...+200	+20...+180
0...+250	+30...+220
0...+300	+30...+270
0...+400	+50...+350
0...+500	+50...+450
0...+600	+100...+500
+50...+450	+100...+400
+100...+500	+150...+450

Primary °F	
Indication Ranges	Measuring Ranges
-80...+120	-60...+100
-20...+120	0...+100
0...+200	+20...+180
0...+250	+30...+220
+50...+400	+100...+350
+50...+550	+100...+500
+200...+700	+250...+650
+100...+800	+200...+700
+200...+1000	+300...+900

Primary °C (external)		Secondary °F (internal)	
Indication Ranges	Measuring Ranges	Indication Ranges	Measuring Ranges
-50...+50	-40...+40	-60...+122	-40...+104
-30...+50	-20...+40	-22...+122	-4...+104
-20...+120	0...+100	-4...+250	+32...+212
0...+60	+10...+50	+30...+140	+50...+122
0...+100	+10...+90	+32...+212	+50...+194
0...+120	+20...+100	+32...+250	+68...+212
0...+160	+20...+140	+32...+320	+68...+284
0...+200	+20...+180	+35...+400	+68...+356
0...+300	+30...+270	+35...+570	+86...+518
0...+400	+50...+350	+40...+750	+122...+662
0...+500	+50...+450	0...+930	+122...+842
0...+600	+100...+500	0...+1110	+212...+932

# inert gas filled thermometers : ranges

“all stainless steel” version : DS 4”, 6” (100-150 mm)

# TG8

Primary °C	
Indication Ranges	Measuring Ranges
-200...+100	-170...+70
-200...+50	-170...+20
-120...+40	-100...+20
-80...+40	-60...+20
-50...+50	-40...+40
-40...+80	-30...+70
-40...+60	-30...+50
-40...+40	-30...+30
-30...+50	-20...+40
-20...+120	0...+100
-20...+80	-10...+70
-20...+60	-10...+50
-20...+40	-10...+30
0...+60	+10...+50
0...+80	+10...+70
0...+100	+10...+90
0...+120	+20...+100
0...+160	+20...+140
0...+200	+20...+180
0...+250	+30...+220
0...+300	+30...+270
0...+400	+50...+350
0...+500	+50...+450
0...+600	+100...+500
+50...+450	+100...+400
+100...+500	+150...+450

Primary °F	
Indication Ranges	Measuring Ranges
-350...+200	-300...+150
-350...+100	-300...+50
-200...+100	-170...+70
-100...+100	-80...+80
-40...+180	-20...+160
-20...+120	0...+100
0...200	+20...+180
0...250	+30...+220
+50...+300	+70...+270
+50...+400	+100...+350
+50...+550	+100...+500
+100...+800	+200...+700
+200...+700	+250...+650
+200...+1000	+300...+900
+400...+1200	+500...+1100

Primary °C (external)		Secondary °F (internal)	
Indication Ranges	Measuring Ranges	Indication Ranges	Measuring Ranges
-40...+100	-20...+80	-40...+220	-4...+176
-40...+60	-30...+50	-40...+140	-22...+122
0...+60	+10...+50	+30...+140	+50...+122
0...+100	+10...+90	+32...+212	+50...+194
0...+120	+20...+100	+32...+250	+68...+212
0...+160	+20...+140	+32...+320	+68...+284
0...+200	+20...+180	+35...+400	+68...+356
0...+300	+30...+270	+35...+570	+86...+518
0...+400	+50...+350	+40...+750	+122...+662
0...+500	+50...+450	0...+930	+122...+842
+100...+500	+150...+450	+200...+930	+302...+842
0...+600	+100...+500	0...+1110	+212...+932
+200...+600	+250...+550	+400...+1110	+482...+1022