



General Purpose Thermometer

BS 1704, selection

Manufactured exactly to standards, white backed, durable pigment

Cat	Designation	range (in °C)		length (mm)	imm. (mm)
JTM-100	A/total	-100 + 30	: 1	300	total
JTM-101	B/total	-35 + 30	: 0.5	300	total
JTM-102	C/total	0 + 60	: 0.5	300	total
JTM-103	D/total	0 +100	: 1	300	total
JTM-104	E/total	0 +160	: 1	300	total
JTM-105	F/total	0 +250	: 1	300	total
JTM-106	G/total	0 +360	: 2	300	total
JTM-107	H/total	0 +500	: 5	345	total
JTM-108	A/75	-100+30	: 1°C	300	75
JTM-109	B/75	-35+30	: 0.5	300	75
JTM-110	C/75	0 +60	: 0.5	300	75
JTM-111	D/75	0 +100	: 1	300	75
JTM-112	E/75	0 +160	: 1	300	75
JTM-113	F/75	0 +250	: 1	300	75
JTM-114	G/75	0 +360	: 2	300	75
JTM-115	H/75	0 +500	: 5	300	75

Short-Range Short-Stem Thermometer

BS 1365, selection

Manufactured exactly to standards, white backed,
Mercury filled, durable pigment,

Suitable for government testing

Cat	Designation	range (in °C)		length (mm)	imm. (mm)
JTM-116	SA 55 C/total	-10 +55	: 0.5C	215	total
JTM-117	SA 105 C/total	45 +105	: 0.5C	215	total
JTM-118	SA 155 C/total	95 +155	: 0.5C 215	total	
JTM-119	SA 205 C/total	145 +205	: 0.5C	215	total
JTM-120	SA 255 C/total	195 +255	: 0.5C	215	total
JTM-121	SA 305 C/total	245 +305	: 0.5C	215	total
JTM-122	SA 360 C/total	295 +360	: 0.5C	215	total

All thermometers suitable for government testing are
also deliverable government/JTRC tested, with certificate.





Short-Range Short-Stem Thermometer

BS 1365, continued

Cat	Designation	range (in °C)		length (mm)	imm. (mm)
JTM-123	SB 1 C/total	-10 +1	: 0.1	235	total
JTM-124	SB 5 C/total	-5 +5	: 0.1	235	total
JTM-125	SB 15 C/total	5 +15	: 0.1	235	total
JTM-126	SB 25 C/total	15 +25	: 0.1	235	total
JTM-127	SB 35 C/total	25 +35	: 0.1	235	total
JTM-128	SB 45 C/total	35 +45	: 0.1	235	total
JTM-129	SB 55 C/total	45 +55	: 0.1	235	total
JTM-130	SB 65 C/total	55 +65	: 0.1	235	total
JTM-131	SB 75 C/total	65 +75	: 0.1	235	total
JTM-132	SB 85 C/total	75 +85	: 0.1	235	total
JTM-133	SB 95 C/total	85 +95	: 0.1	235	total
JTM-134	SB 105 C/total	95+105	: 0.1	235	total
JTM-135	SB 115 C/total	105+115	: 0.1	235	total
JTM-136	SB 125 C/total	115+125	: 0.1	235	total
JTM-137	SB 135 C/total	125+135	: 0.1	235	total
JTM-138	SB 145 C/total	135+145	: 0.1	235	total
JTM-139	SB 155 C/total	145+155	: 0.1	235	total
JTM-140	SB 165 C/total	155+165	: 0.1	235	total
JTM-141	SB 175 C/total	165+175	: 0.1	235	total
JTM-142	SB 185 C /total	175+185	: 0.1	235	total
JTM-143	SB 195 C/total	185+195	: 0.1	235	total
JTM-144	SB 205 C/total	195+205	: 0.1	235	total
JTM-145	SB 215 C/total	205+215	: 0.1	235	total
JTM-146	SB 220 C/total	210+220	: 0.1	235	total

The types not listed are all deliverable.

Laboratory Thermometer BS 593,

Selection

manufactured exactly to standards, white backed,
mercury filled, durable pigment,
suitable for government/JTRC testing



Cat	Designation	range (in °C)	length (mm)	imm. (mm)	
JTM-147	A 10 C/total	-30 +10	: 0.1°C	400	total
JTM-148	A 20 C/total	-20+20	: 0.1°C	400	total
JTM-149	A 40 C/total	0+40	: 0.1°C	400	total
JTM-150	A 70 C/total*	40+70	: 0.1°C	400	total
JTM-151	A 100 C/total*	70+100	: 0.1°C	400	total
JTM-152	A 130 C/total*	100+130	: 0.1°C	400	total
JTM-153	A 160 C/total*	130+160	: 0.1°C	400	total
JTM-154	B 60 C/total	-20+60	: 0.2°C	400	total
JTM-155	B 110 C/total*	50+110	: 0.2°C	400	total
JTM-156	B 160 C/total*	100+160	: 0.2°C	400	total
JTM-157	B 210 C/total*	150+210	: 0.2°C	400	total
JTM-158	B 260 C/total*	200+260	: 0.2°C	400	total
JTM-159	A 10 C/100	-30+10	: 0.1°C	400	total
JTM-160	A 20 C/100	-20+20	: 0.1°C	400	total
JTM-161	A 40 C/100	0+40	: 0.1°C	400	total
JTM-162	A 70 C/100*	40+70	: 0.1°C	400	total
JTM-163	A 100 C/100*	70+100	: 0.1°C	400	total
JTM-164	A 130 C/100*	100+130	: 0.1°C	400	total
JTM-165	A 160 C/100*	130+160	: 0.1°C	400	total
JTM-166	B 60 C/100	-20+60	: 0.2°C	400	total
JTM-167	B 110 C/100*	50+110	: 0.2°C	400	total
JTM-168	B 160 C/100*	100+160	: 0.2°C	400	total
JTM-169	B 210 C/100	150+210	: 0.2°C	400	total
JTM-170	B 260 C/100*	200+260	: 0.2°C	400	total

All thermometers suitable for government testing are
also deliverable government/JTRC tested, with certificate.



Cat	Designation	range (in °C)	length (mm)	imm. (mm)	
JTM-171	F 50 C/100	-2+52	: 0.2°C	395	100
JTM-172	F 75 C/100	24+78	: 0.2°C	395	100
JTM-173	F 100 C/100	48+102	: 0.2°C	395	100
JTM-174	F 125 C/100	72+126	: 0.2°C	395	100
JTM-175	F 150 C/100	98+152	: 0.2°C	395	100
JTM-176	F 175 C/100	123+177	: 0.2°C	395	100
JTM-177	F 200 C/100	148+202	: 0.2°C	395	100
JTM-178	F 225 C/100	173+227	: 0.2°C	395	100
JTM-179	F 250 C/100	198+277	: 0.2°C	395	100
JTM-180	F 275 C/100	223+277	: 0.2°C	395	100
JTM-181	F 300 C/100	248+302	: 0.2°C	395	100
JTM-182	F 255 C/100	95+255	: 0.5°C	395	100
JTM-183	F 150 C/76	-20+150	: 1°C322	76	
JTM-184	F 300 C/76	-5+300	: 1°C390	76	
JTM-185	F 400 C/76	-5+400	: 1°C415	76	

S.T.P.T.C. Thermometer

Manufactured exactly to standards, white backed,
mercury filled, (T 25 d: mercury-thallium filled).
Durable pigment, suitable for government/JTRC testing

Cat	Designation	range (in °C)	length (mm)	imm. (mm)	
JTM-186	T 1d	-10+20	: 0.1410	100	
JTM-187	T 3d	0+120	: 0.5430	100	
JTM-188	T 4d	-2+400	: 1.430	100	
JTM-189	T 5d	15+45	: 0.1430	100	
JTM-190	T 7d	65+90	: 0.1400	100	
JTM-191	T 8d	70+130	: 0.2380	100	
JTM-192	T 9d	50+210	: 0.5430	100	
JTM-193	T 11d	105+115	: 0.1300	100	
JTM-194	T 12d	130+160	: 0.1420	100	
JTM-195	T 17d	39.5+70.5	: 0.1400	100	
JTM-196	T 20d	175+275	: 0.5430	100	
JTM-197	T 21d	180+215	: 0.1430	100	
JTM-198	T 22d	205+235	: 0.1430	100	
JTM-199	T 23d	105+135	: 0.1420	100	
JTM-200	T 24d	72+82	: 0.05400	100	
JTM-201	T 25d	-55-25	: 0.1400	100	
JTM-202	T26d	-30-0	: 0.1400	100	

Secondary Reference Thermometer BS 1900, Selection

manufactured exactly to standards, white backed,
mercury filled, durable pigment, suitable for government/JTRC testing

Cat	Designation	range (in °C)	length (mm)	imm. (mm)	
JTM-203	SR 5/20 C*	9.5+20.5	: 0.02°C	480	total
JTM-204	SR 5/30 C*	19.5+30.5	: 0.02°C	480	total
JTM-205	SR 5/40 C*	29.5+40.5	: 0.02°C	480	total
JTM-206	SR 5/50 C*	39.5+50.5	: 0.02°C	480	total
JTM-207	SR 5/60 C*	49.5+60.5	: 0.02°C	480	total
JTM-208	SR 5/70 C*	59.5+70.5	: 0.02°C	480	total
JTM-209	SR 5/80 C*	69.5+80.5	: 0.02°C	480	total
JTM-210	SR 5/90 C*	79.5+90.5	: 0.02°C	480	total
JTM-211	SR 5/100 C*	89.5+100.5	: 0.02°C	480	total
JTM-212	SR 6/18 C	-1+18	: 0.05°C	480	total
JTM-213	SR 6/34 C*	16+34	: 0.05°C	480	total
JTM-214	SR 6/51 C*	33+51	: 0.05°C	480	total
JTM-215	SR 6/68 C*	50+68	: 0.05°C	480	total
JTM-216	SR 6/85 C*	67+85	: 0.05°C	480	total
JTM-217	SR 6/102 C*	84+102	: 0.05°C	480	total

ASTM Thermometer



Cat No.	No.	name	range	length (mm)	imm. (mm)
JTM -218	35 C	High Aniline Point	90+170 : 0.2°C	420	50
JTM -219	35 F		194+338 : 0.5°F	420	50
JTM -220	36 C	Titer Test	-2+68 : 0.2°C	405	45
JTM -221	37 C	Solvent Distillation	-2+52 : 0.2°C	395	100
JTM -222	38 C		24+78 : 0.2°C	395	100
JTM -223	39 C		48+102 : 0.2°C	395	100
JTM -224	40 C		72+126 : 0.2°C	395	100
JTM -225	41 C		98+152 : 0.2°C	395	100
JTM -226	42 C		95+255 : 0.5°C	395	100
JTM -227	43 C*	Kinematic Viscosity	-51.6-34 : 0.1°C	420	total
JTM -228	43 F*		-61-29 : 0.2°F	420	total
JTM -229	44 C		18.6+21.4 : 0.05°C	305	total
JTM -230	44 F*		66.5+71.5 : 0.1°F	305	total
JTM -231	45 C*		23.6+26.4 : 0.05°C	305	total
JTM -232	45 F*		74.5+79.5 : 0.1°F	305	total
JTM -233	46 C*		48.6+51.4 : 0.05°C	305	total
JTM -234	46 F*		119.5+124.5 : 0.1°F	305	total
JTM -235	47 C*		58.6+61.4 : 0.05°C	305	total
JTM -236	47 F*		137.5+142.5 : 0.1°F	305	total
JTM -237	48 C*		80.6+83.4 : 0.05°C	305	total
JTM -238	48 F*		177.5+182.5 : 0.1°F	305	total
JTM -239	49 C	Stomer Viscosity	20+70 : 0.2°C	305	65
JTM -240	50 F	Gas Calorimeter Inlet	54+101 : 0.1°F	468	total
JTM -241	51 F	Gas Calorimeter Outlet	69+116 : 0.1°F	468	total
JTM -242	52 C	Butad. Boiling P. Range	-10+5 : 0.1°C	162	total
JTM -243	54 C	Congearing Point	20+100.6 : 0.2°C	310	total
JTM -244	54 F		66+213 : 0.5°F	310	total
JTM -245	56 C	Bomb Calorimeter	19+35 : 0.02°C	585	total
JTM -246	56 F		66+95 : 0.05°F	585	total
JTM -247	57 C	Tag Closed Tester, low R	-20+50 : 0.5°C	287	57
JTM -248	57 F		-4+122 : 1°F	287	57
JTM -249	58 Cp	Tank	-34+49 : 0.5°C	303	total
JTM -250	58 Fp		-30+120 : 1°F	303	total
JTM -251	59 Cp		-18+82 : 0.5°C	303	total
JTM -252	59 Fp		0+180 : 1°F	303	total
JTM -253	60 Cp		77+260 : 1°C	303	total
JTM -254	60 Fp		170+500 : 2°F	303	total
JTM -255	61 C	Petrolaum Melting Point	32+127 : 0.2°C	380	79
JTM -256	61 F		90+260 : 0.5°F	380	79
JTM -257	62 C	Precision	-38+2 : 0.1°C	379	total
JTM -258	62 F		-36+35 : 0.2°F	379	total
JTM -259	63 C		-8+32 : 0.1°C	379	total
JTM -260	63 F		18+89 : 0.2°F	379	total
JTM -261	64 C*		25+55 : 0.1°C	379	total
JTM -262	64 F*		77+131 : 0.2°F	379	total
JTM -263	65 C*		50+80 : 0.1°C	379	total
JTM -264	65 F*		122+176 : 0.2°F	379	total
JTM -265	66 C*		75+105 : 0.1°C	379	total
JTM -266	66 F*		167+221 : 0.2°F	379	total
JTM -267	67 C*		95+155 : 0.2°C	379	total
JTM -268	67 F*		203+311 : 0.5°F	379	total
JTM -269	68 C*		145+205 : 0.2°C	379	total
JTM -270	68 F*		293+401 : 0.5°F	379	total
JTM -271	69 C*		195+305 : 0.5°C	379	total
JTM -272	69 F*		383+581 : 1°F	379	total
JTM -273	70 C*		295+405 : 0.5°C	379	total
JTM -274	70 F*		563+761 : 1°F	379	total
JTM -275	71 C	Oil in Wax	-37+21 : 0.5°C	355	76
JTM -276	71 F		-35+70 : 1°F	355	76
JTM -277	72 C*	Kinematic Viscosity	-19.4-16.6 : 0.05°C	305	total
JTM -278	72 F*		-2.5+2.5 : 0.1°F	305	total

ASTM Thermometer, Continued

Cat No.	No.	name	range (in °C)	length (mm)	imm. (mm)
JTM -279	73 C°	Kinematic Viscosity	-41.4 – 38.6 : 0.05 °C	305	total
JTM -280	73 F°		-42.5 – 37.5 : 0.1°F	305	total
JTM -281	74 C°		-55.4 – 52.6 : 0.05°C	305	total
JTM -282	74 F		-67.5 – 62.5 : 0.1°F	305	total
JTM -283	75 F	coolant (Antifr) Fr.Pt.	-35 +35 : 0.5°F	408	100
JTM -284	76 F		-65 +5 : 0.5°F	408	100
JTM -285	77 F	Saybolt Viscosity	245 +265 : 0.5°F	275	total
JTM -286	78 F		295 +315 : 0.5°F	275	total
JTM -287	79 F		345 +365 : 0.5°F	275	total
JTM -288	80 F		395 +415 : 0.5°F	275	total
JTM -289	81 F		445 +465 : 0.5°F	275	total
JTM -290	82 C	Fuel Rating, Enginge	-15 +105 : 1°C	162	30
JTM -291	82 F		0 +220 : 2°F	162	30
JTM -292	83 C	Fuel Rating, Air	15 +70 : 1°C	171	40
JTM -293	83 F		60 +160 : 1°F	171	40
JTM -294	84 C	Fuel Rating Orifice Tank	25 +80 : 1°C	382	249
JTM -295	84 F		75 +175 : 1°F	382	249
JTM -296	85 C	Fuel Rating, Surge	40 +150 : 1°C	310	181
JTM -297	85 F		100 +300 : 2°F	310	181
JTM -298	86 C	Fuel Rating, Mix	95 +175 : 1°C	167	35
JTM -299	86 F		200 +350 : 2°F	167	35
JTM -300	87 C	Fuel Rating, coolant	150 +205 : 1°C	172	40
JTM -301	87 F		300 +400 : 1°F	172	40
JTM -302	88 C	Vegetable oil flash	10 +200 : 1°C	287	57
JTM -303	88 C		50 +392 : 2°F	287	57
JTM -304	89 C	Solidification Point	-20 +10 : 0.1°C	370	76
JTM -305	90 C		0 +30 : 0.1°C	370	76
JTM -306	91 C		20 +50 : 0.1°C	370	76
JTM -307	92 C		40 +70 : 0.1°C	370	76
JTM -308	93 C		60 +90 : 0.1°C	370	76
JTM -309	94 C		80 +110 : 0.1°C	370	76
JTM -310	95 C		100 +130 : 0.1°C	370	76
JTM -311	96 C		120 +150 : 0.1°C	370	76
JTM -312	97 Cp	Tank	-18 +49 : 0.5°C	302	total
JTM -313	97 Fp		0 +120 : 1°F	302	total
JTM -314	98 Cp		16 +82 : 0.5°C	302	total
JTM -315	98 Fp		60 +180 : 1°F	302	total
JTM -316	99 C	Weathering Test	-50 +5 : 0.2°C	302	35
JTM -317	99 F		-58 +41 : 0.5°C	302	35
JTM -318	100 C	Solidification Point	145 +205 : 0.2°C	370	76
JTM -319	101 C		195 +305 : 0.5°C	370	76
JTM -320	102 C	Solvent Distillation	123 +177 : 0.2°C	395	100
JTM -321	103 C		148 +202 : 0.2°C	395	100
JTM -322	104 C		173 +227 : 0.2°C	395	100
JTM -323	105 C		198 +252 : 0.2°C	395	100
JTM -324	106 C		223 +277 : 0.2°C	395	100
JTM -325	107 C		248 +302 : 0.2°C	395	100
JTM -326	108 F	Saybolt Viscosity	270 +290 : 0.5°F	275	total
JTM -327	109 F		320 +340 : 0.5°F	275	total
JTM -328	110 C°	Kinematic Viscosity	133.6 +136.4 : 0.05°C	305	total
JTM -329	110 F°		272.5 +277.5 : 0.1°F	305	total
JTM -330	111 C	Tar Acid Distillation	170 +250 : 0.2°C	395	100
JTM -331	112 C°	Solidification point Benzene	4 +6 : 0.02°C	215	total
JTM -332	113 C	soft. P. (Bitumen) Wide R.	-1 +175 : 0.5°C	405	total
JTM -333	113 F		30 +350 : 1°F	405	total
JTM -334	114 C	Aviation Fuel Freezing P.	-80 +120 : 0.5°C	300	total
JTM -335	116 C°	Bomb Calorimeter	18.9+25.1 : 0.01°C	609	total
JTM -336	117 C°		23.9+30.1 : 0.01°C	609	total
JTM -337	118 C°	Kinematic Viscosity	28.6+31.4 : 0.05°C	305	total
JTM -338	118 F°		83.5+88.5 : 0.1°F	305	total



ASTM Thermometer

Cat No.	No.	name (in °C)	range	length (mm)	imm. (mm)
JTM -339	119C"	Coolant(Antif.)Fr. Pt.	-38.3–30 : 0.1°C	420	100
JTM -340	119F"		-37–22 : 0.2°F	420	100
JTM -341	120C"	Kinematic Viscosity	38.6+ 41.4 : 0.05°C	305	total
JTM -342	121C"		98.6+ 101.4 : 0.05°C	305	total
JTM -343	122C	Brookfield Viscosity	-45 –35 : 0.1°C	300	total
JTM -344	123C		-35–25 : 0.1°C	300	total
JTM -345	124C		-25–15 : 0.1°C	300	total
JTM -346	125C		-15–5 : 0.1°C	300	total
JTM -347	126C"	Kinematic Viscosity	-27.4–24.6 : 0.05°C	305	total
JTM -348	126F"		-17.5–12.5 : 0.1°F	305	total
JTM -349	127C"		-21.4–18.6 : 0.05°C	305	total
JTM -350	128C		-1.4+ 1.4 : 0.05°C	305	total
JTM -351	128F		29.5+ 34.5 : 0.1°F	305	total
JTM -352	129C"		91.6+ 94.4 : 0.05°C	305	total
JTM -353	129C"		197.5+ 202.5 : 0.1°F	305	total
JTM -354	130Cp	Tank	-7 +105 : 0.5°C	303	total
JTM -355	130Fp		20 +105 : 1°F	303	total

Yellow back ASTM thermometers can be supplied likewise. Extra cost 5%
 Tank thermometers are in general with plain rounded top
 Finish. Other types are available on request against extra
 Charge.

ASTM thermometers. Government/JTRC Tested, with certificate

White back glass, calibration by Govt. of India /JTRC
 All instrument of the preceding table can be supplied
 As government tested thermometers as well. Below is
 Only a selection of the most usual types. Further ranges
 available to order

Cat No.	No.	name (in °C)	range	length (mm)	imm. (mm)
JTM -356	2 C	Partial Immersion	-5 +300 : 1°C	390	76
JTM -357	3 C		-5 +400 : 1°C	415	76
JTM -358	5 C	Cloud and Pour	-38 +50 : 1°C	230	108
JTM -359	6 C	Low Cloud and Pour	-80 +20 : 1°C	230	76
JTM -360	7 C	Low Distillation	-2 +300 : 1°C	386	total
JTM -361	8 C	High Distillation	-2 +400 : 1°C	386	total
JTM -361	9 C	Low Pensky-Martens	-5+110 : 0.5°C	290	57
JTM -362	10 C	High Pensky-Martens	90+370 : 2°C	290	57
JTM -363	11 C	Cleveland Open Flash	-6+400 : 2°C	310	25
JTM -364	12 C	Density – Wide Range	-20+102 : 0.2°C	420	total
JTM -365	13 C	Loss on Heat	155+170 : 0.5°C	155	total
JTM -366	14 C	Wax Melting Point	38+82 : 0.1°C	375	79
JTM -368	15 C	Low Softening Point	-2+80 : 0.2°C	395	total
JTM -369	16 C	High Softening Point	30+200 : 0.5°C	395	total
JTM -370	23 C	Engler Viscosity	18+28 : 0.2°C	212	90
JTM -371	24 C		39+54 : 0.2°C	237	90
JTM -372	25 C		95+105 : 0.2°C	212	90
JTM -373	33 C	Low Aniline Point	-38+42 : 0.2°C	420	50
JTM -374	34 C	Medium Aniline Point	25+105 : 0.2°C	420	50
JTM -375	35 C	High Aniline Point	90+170 : 0.2°C	420	50
JTM -376	37 C	Solvent Distillation	-2+52 : 0.2°C	395	100
JTM -377	38 C		24+78 : 0.2°C	395	100

ASTM thermometers. Government/JTRC
Tested, with certificate,
Continued

Cat No.	No.	name (in °C)	range	length (mm)	imm. (mm)
JTM -378	39 C		48+102 : 0.2°C	395	100
JTM -379	40 C		72+126 : 0.2°C	395	100
JTM -380	41 C		98+152 : 0.2°C	395	100
JTM -381	42 C		95+255 : 0.5°C	395	100
TM -382	44 C°	Kinematic Viscosity	18.6+21.4 : 0.05°C	305	total
JTM -383	45 C°		23.6+26.4 : 0.05°C	305	total
JTM -384	46 C°		48.6+51.4 : 0.05°C	305	total
JTM -385	47 C°		58.6+61.4 : 0.05°C	305	total
JTM -386	62 C	Precision	-38+2 : 0.1°C	379	total
JTM -387	63 C		-8+32 : 0.1°C	379	total
JTM -388	64 C°		25+55 : 0.1°C	379	total
JTM -389	65 C°		50+80 : 0.1°C	379	total
JTM -390	66 C°		75+105 : 0.1°C	379	total
JTM -391	67 C°		95+155 : 0.2°C	379	total
JTM -392	68 C°		145+205 : 0.2°C	379	total
JTM -393	69 C°		195+305 : 0.5°C	379	total
JTM -394	70 C°		295+405 : 0.5°C	379	total
JTM -395	99 C	Weathering Test	-50+5 : 0.2°C	302	35
JTM -396	112 C°	Solidification P. Benzene	4+6 : 0.02°C	215	total
JTM -397	114 C°	Aviation Fuel Freezing P.	-80+20 : 0.5°C	300	total
JTM -398	120 C°	Kinematic Viscosity	38.5+41.5 : 0.05°C	305	total
JTM -399	121 C°		98.5+101.5 : 0.05°C	305	total

Metal ferrules to fit ASTM thermometers No. 23C.
24 C and 25 C. Brass, nickel-plated. Extra cost inclusive
Assembling.

Metal ferrules to fit ASTM thermometers No. 9 C/9
F and 10 C/10. F Brass, nickel-plated. Extra cost
Inclusive assembling.

Metal ferrules to fit ASTM thermometers No. 57C/
57 F Brass, nickel-plated. Extra cost inclusive
assembling

IP Thermometers



Manufactured exactly to tested standards, white backed,
Mercury filled (IP 2 C, 14 C: toluene filled: IP 65 C, 68 C,
69 C: mercury-thallium filled)

Durable pigment (except for 2 C, 14 C)

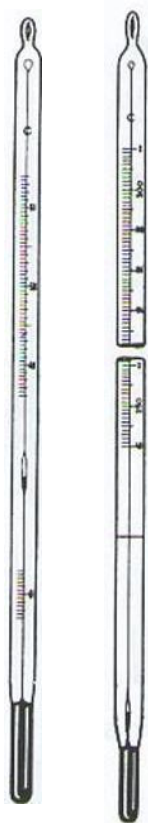
Only a selection of the most

Suitable for government testing

Cat No.	No.	name (in °C)	range	length (mm)	imm. (mm)
JTM -400	1 C	Cloud and Pour	-38+50 : 1°C	230	108
JTM -401	2 C	Low Cloud and Pour	-80+20 : 1°C	230	76
JTM -402	3 C	Demulsification	-1+105 : 0.5°C		total
JTM -403	4 C	Crude Oil Distillation	-4+360 : 2°C	310	total
JTM -404	5 C	Low Distillation	-2+300 : 1°C	385	total
JTM -405	6 C	High Distillation	-2+400 : 1°C	385	total
JTM -406	8 C	Flushing-Case Low	0+45 : 0.2°C	340	65
JTM -407	9 C	Flushing-Case Medium	40+85 : 0.2°C	340	65
JTM -408	14 C	Aviation Fuel Freezing P.	-80+20 : 0.5°C	300	total
JTM -409	15 C	Low Pensky-Martens	-5+110 : 0.5°C	290	57
JTM -410	16 C	High Pensky-Martens	90+370 : 2°C	290	57
JTM -411	17 C	Wax Melting Point	38+82 : 0.1°C	375	79
JTM -412	18 C	Congeaing Point	20+100.6 : 0.2°C	310	total
JTM -413	20 C	Low Aniline Point	-38+42 : 0.2°C	420	50
JTM -414	21 C	Medium Aniline Point	25+105 : 0.2°C	420	50
JTM -415	22 C ^{oo}	Oxidation	195+205 : 0.1°C	300	100
JTM -416	23 C	Reid Vapour Pressure	34+42 : 0.1°C	275	total
JTM -417	24C	Oxidation Stability	95+103 : 0.1°C	275	total
JTM -418		Abel Oil Cup Celsius	10+65 : 0.5°C	228	(61)
JTM -420	28 C	Cleveland Open Flash	-6+400 : 2°C	310	25
JTM -421	29 C°	Kin Visc 20°C	18.6+21.4 : 0.05°C	305	total
JTM -422	30 C°	Kin Visc 25°C	23.6+26.4 : 0.05°C	305	total
JTM -423	31 C°	Kin Visc 37.8°C	36.6+39.4 : 0.05°C	305	total
JTM -424	32 C°	Kin Visc 98.9°C	98.6+101.4 : 0.05°C	305	total
JTM -425	33 C°	Kin Visc 0°C	-1.4+1.4 : 0.05°C	305	total
JTM -426	34 C°	Kin Visc 54.4°C	52.6+55.4 : 0.05°C	305	total
JTM -427	35 C°	Kin Visc 60°C	58.6+61.4 : 0.05°C	305	total
JTM -428	36 C°	Kin Visc 93.3°C	58.6+94.4 : 0.05°C	305	total
JTM -429	37 C	Sludge	144+156 : 0.2°C	270	100
JTM -430	38 C	Pen	23+27 : 0.1°C	260	total
JTM -431	39 C	Density	-1+38 : 0.1°C	440	total
JTM -432	40 C	Low Drop Point	20+120 : 1°C	250	100
JTM -433	41 C	High Drop Point	100+230 : 1°C	250	100
JTM -434	42 C	Breaking Point	-38+30 : 0.5°C	370	250
JTM -435	43 C	FP Cut-Back(Int)	10+110 : 0.5°C	305	(61)
JTM -436	44 C	FP Cut-Back(Ext)	15+121 : 0.5°C	305	(89)
JTM -437	45 C	Refractometer	15+30 : 0.2°C	160	22
JTM -438	46 C	Westphalbalance	14.5+21 : 0.1°C	160	total
JTM -439	47 C	Loss on Heating	155+170 : 0.5°C	155	total
JTM -440	48 C	Tank Low	-38+30 : 0.5°C	310	total
JTM -441	49 C	Tank Medium	-15+40 : 0.5°C	310	total
JTM -442	50 C	Tank High	10+65 : 0.5°C	310	total
JTM -443	51 C	Tank Heated Fuel	35+120 : 0.5°C	310	total
JTM -444	52 C	Tank Bitumen	90+260 : 1°C	310	total
JTM -445	53 C	Tank Cargo	0+80 : 0.5°C	310	total
JTM -446	59 C	High Aniline Point	90+170 : 0.2°C	420	50
JTM -447	60 C	Low Softening Point	-2+80 : 0.2°C	395	total
JTM -448	61 C	High Softening Point	30+200 : 0.5°C	395	total
JTM -449	62 C	Partial Immersion	-5+300 : 1°C	390	76
JTM -450	63 C	Pertolatum Melting Point	32+127 : 0.2°C	380	79
JTM -451	64 C	Density Wide Range	-20+102 : 0.2°C	420	total

IP thermometers

Continued



Cat No.	No.	name (in °C)	range	length (mm)	imm. (mm)
JTM -452	65 C°	Kin Visc Low	-51.6-34 : 0.1°C	417	total
JTM -453	66 C°	Kin Visc 50°C	48.6+51.4 : 0.05°C	305	total
JTM -454	67 C°	Kin Visc-17.8	-19.4-16.6 : 0.05°C	305	total
JTM -455	68 C°	Kin Visc-40°C	-41.4-38.6 : 0.05°C	305	total
JTM -456	69 C°	Kin Visc-53.9°C	-55.4-52.6 : 0.05°C	305	total
JTM -457	71 C°	Kin Visc-26.1°C	-27.4-24.6 : 0.05°C	305	total
JTM -458	72 C	Oil in Wax	-37+21 : 0.5°C	355	76
JTM -459	73 C	Partial Immersion	-5+400 : 1°C	415	76
JTM -460	74 C	Abel Oil Cup Wide R.	-35+70 : 0.5°C	310	61
JTM -461	75 C	Abel Water Bath-Wide R.	-30+80 : 0.5°C	310	89
JTM -462	76 C	Engler Viscosity	10+55 : 0.5°C	240	93
JTM -463	77 C	Solvent Distillation	-2+52 : 0.2°C	395	100
JTM -464	78 C		24+78 : 0.2°C	395	100
JTM -465	79 C		48+102 : 0.2°C	395	100
JTM -466	80 C		72+126 : 0.2°C	395	100
JTM -467	81 C		98+152 : 0.2°C	395	100
JTM -468	82 C		95+255 : 0.5°C	395	100
JTM -469	83 C		123+177 : 0.2°C	395	100
JTM -470	84 C		148+202 : 0.2°C	395	100
JTM -471	85 C		173+227 : 0.2°C	395	100
JTM -472	86 C		198+252 : 0.2°C	395	100
JTM -473	87 C		223+277 : 0.2°C	395	100
JTM -474	88 C		248+302 : 0.2°C	395	100
JTM -475	89 C	Soft.P.(Bitumen)WideR.	-1+175 : 0.5°C	405	total
JTM -476	90 C°	Kin Visc 82.2°C	80.6+83.4 : 0.05°C	305	total
JTM -477	91 C°	Rapid Flash	0+110 : 1°C	198	44
JTM -478	92 C°	Kin Visc 40°C	38.6+41.4 : 0.05°C	305	total
JTM -479	93 C°	Kin Visc 135°C	133.6+136.4 : 0.05°C	305	total
JTM -480	94 C	Brookfield Viscosity	-45-35 : 0.1°C	300	total
JTM -481	95 C		-35-25 : 0.1°C	300	total
JTM -482	96 C		-25-15 : 0.1°C	300	total
JTM -483	97 C		-15-5 : 0.1°C	300	total
JTM -484	98 C	Rapid Flash (High)	100+300 : 2°C	197	44
JTM -485	99 C°	Kin Visc-20°C	-21.4-18.6 : 0.05°C	305	total
JTM -486	100 C°	Kin Visc 80°C	78.6+81.4 : 0.05°C	305	total
JTM -487	101 C	Medium Pensky-Martens	20+150 : 1°C	290	57
JTM -488	102 C°	Kin visc 150°C	148.6+151.4 : 0.05°C	305	total