



ASTM E1 Thermometers—Celsius

Application	ASTM	Range	Model	Length	Immersion	Subdiv.
General Use	1C	-20 to 150°C	H-2610.1C	322mm (12-1/2")	76mm (3")	2
	2C	-5 to 300°C	H-2610.2C	390mm (15-3/8")		
	3C	-5 to 400°C	H-2610.3C	413mm (16-1/4")		
Cloud and Pour	5C	-38 to 50°C	H-2610.5C	231mm (9-1/8")	108mm (4.25")	2
Low Cloud and Pour	6C	-80 to 20°C	H-2610.6C	231mm (9-1/8")	76mm (3")	2
Low Distillation	7C	-2 to 300°C	H-2610.7C	386mm (15-1/4")	total	2
High Distillation	8C	-2 to 400°C	H-2610.8C	386mm (15-1/4")	total	2
Pensky-Martens Low, Tag Closed High	9C	-5 to 1100°C	H-2610.9C	287mm (11-1/4")	57mm (2.25")	1
Pensky-Martens High	10C	90 to 370°C	H-2610.10C	287mm (11-1/4")	57mm (2.25")	5
Open Flash	11C	-6 to 400°C	H-2610.11C	308mm (12-1/8")	25mm (1")	5
Gravity	12C	-20 to 102°C	H-2610.12C	420mm (16-1/2")	total	1/2
Loss on Heat	13C	155 to 170°C	H-2610.13C	169mm (6-5/8")	total	1/5
Low Softening Point	15C	-2 to 80°C	H-2610.15C	397mm (15-5/8")	total	1/2
High Softening Point	16C	30 to 200°C	H-2610.16C	397mm (15-5/8")	total	1
Saybolt Viscosity	17C	19 to 27°C	H-2610.17C	275mm (10-7/8")	total	1/5
	18C	34 to 42°C	H-2610.18C			
	19C	49 to 57°C	H-2610.19C			
	20C	57 to 65°C	H-2610.20C			
	21C	79 to 87°C	H-2610.21C			
22C	95 to 103°C	H-2610.22C				
Turpentine Distillation	27C	147 to 182°C	H-2610.27C	301mm (11-7/8")	76mm (3")	1/2
Kinematic Viscosity	28C	36.6 to 39.4°C	H-2610.28C	305mm (12")	total	1/10
Aniline Point	33C	-38 to 42°C	H-2610.33C	420mm (16-1/2")	50mm (2")	1/2
	35C	90 to 170°C	H-2610.35C			
Kinematic Viscosity	45C	23.6 to 26.4°C	H-2610.45C	305mm (12")	total	1/10
	46C	48.6 to 51.4°C	H-2610.46C			
	47C	58.6 to 61.4°C	H-2610.47C			
Tag Closed Tester Low Range	57C	-20 to 50°C	H-2610.57C	287mm (11-1/4")	57mm (2.25")	1
Precision	63C	-8 to 32°C	H-2610.63C	379mm (15")	total	1/5
	64C	25 to 55°C	H-2610.64C			
Kinematic Viscosity	110C	133.6 to 136.4°C	H-2610.110C	305mm (12")	total	1/10
Bituminous Softening Point	113C	-1 to 175°C	H-2610.113C	406mm (16")	total	1



Specifications: All of these thermometers meet ASTM E1. All of the thermometers listed here can be calibrated and certified per ASTM specification. Call Humboldt for a price quote.

Range		Model
Min	Max	
-38°C	2°C	H-2607.62CFC
-8°C	32°C	H-2607.63CFC
25°C	55°C	H-2607.64CFC
50°C	80°C	H-2607.65CFC
75°C	105°C	H-2607.66CFC
95°C	155°C	H-2607.67CFC
145°C	205°C	H-2607.68CFC
195°C	305°C	H-2607.69CFC
295°C	405°C	H-2607.70CFC

Precision Certified Standard Thermometers

Each thermometer certified at the five ASTM verification temperatures specified in ASTM E-1. Certificates show all corrections to the nearest tenth of the smallest scale division. Each thermometer has an ice-point which can be used to check the validity of the corrections at any time. Per NIST/SP-819, August 1991, ANY PREVIOUSLY CERTIFIED THERMOMETER WITH A CALIBRATED ICE POINT NEED NEVER BE COMPLETELY RE-CALIBRATED. Complete sets include channel case with compartment holding certificates.

Certified Standard Thermometer Set— H-2606

Set of 9 precision certified standard thermometers listed in the chart to the left.

