



Stirring thermometers, solid stem, bulb reinforced, by solid glass piece, yellow enamelled, with resistant DIFFICO-graduation. Divisions 1 °C. O.D. 6-7 mm.

Scale-range °C	Length mm	Hg-filling	Org. liquids
-35 +50	260	1.270.001	1.270.101
-10 +50	200	1.270.002	1.270.102
-10 +110	260	1.270.003	1.270.103
-10 +150	260	1.270.004	1.270.104
-10 +200	300	1.270.005	1.270.105
-10 +250	300	1.270.006	1.270.106
-10 +300	340	1.270.007	–
-10 +360	340	1.270.008	–
-10 +420	340	1.270.009	–

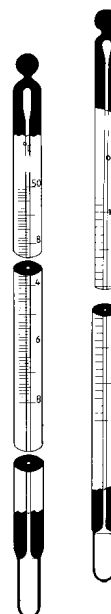


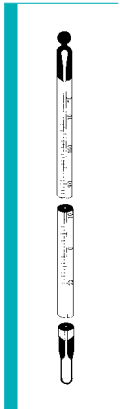
Standard thermometer, enclosed scale, opal glass scale, with resistant DIFFICO-graduation. Divisions 1 °C. O.D. 7-8 mm.

Scale-range °C	Length mm	Mercury filling	Org. liquids	Blue reflecting mercury filling
-35 +50	260	1.271.001	1.271.101	1.272.001
-10 +50	200	1.271.002	1.271.102	1.272.002
-10 +110	260	1.271.003	1.271.103	1.272.003
-10 +150	260	1.271.004	1.271.104	1.272.004
-10 +200	300	1.271.005	1.271.105	1.272.005
-10 +250	300	1.271.006	1.271.106	1.272.006
-10 +300	340	1.271.007	–	1.272.007
-10 +360	340	1.271.008	–	1.272.008
-10 +420	340	1.271.009	–	1.272.009

Precision laboratory thermometer, yellow enamelled, with resistant DIFFICO-graduation, for officially testing. O.D. 6-7 mm.

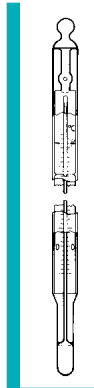
Scale-range °C	Division °C	Length mm	Mercury filling	Org. liquids
For low temperatures				
-100 +30	1	300	–	1.274.102
-50 +50	1	280	–	1.274.104
-38 +50	1	280	1.274.005	1.274.105
-100 +30	0.5	400	–	1.274.107
-38 +50	0.5	300	1.274.010	1.274.110
-50 +30	0.5	300	–	1.274.111
-50 +50	0.1	580	–	–
-58 +30	0.1	550	1.274.019	–
-38 +50	0.1	550	1.274.020	–
DIN 12778				
-100 +30	1	305	–	1.276.101
-50 +50	1	305	–	1.276.102
-10 +100	1	305	1.276.003	1.276.103
-10 +150	1	305	1.276.004	1.276.104
-10 +250	1	350	1.276.005	1.276.105
-10 +360	1	380	1.276.006	–
-10 +624	2	450	1.276.008	–





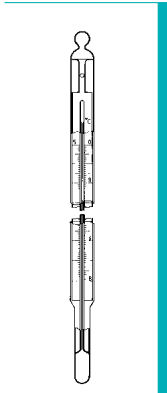
Universal laboratory thermometers (control thermometer), yellow enamelled, with resistant DIFFICO-graduation. Divisions 1 °C. O.D. 6-7 mm.

Scale-range °C	Length mm	Mercury-filling	Org. liquids
-35 +50	260	1.278.001	1.278.101
-10 +50	200	1.278.002	1.278.102
-10 +110	260	1.278.003	1.278.103
-10 +150	260	1.278.004	1.278.104
-10 +200	300	1.278.005	1.278.105
-10 +250	300	1.278.006	1.278.106
-10 +300	340	1.278.007	—
-10 +420	340	1.278.009	—



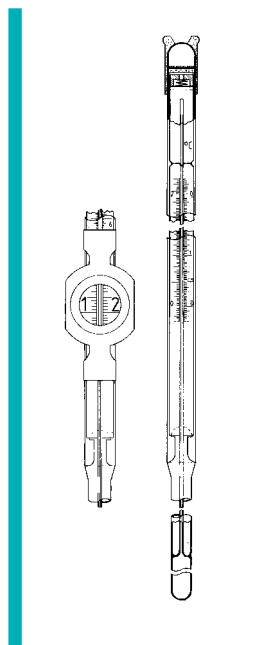
Precision calorimeter thermometers (enclosed scale), blue reflecting, opal glass scale, for officially testing, acc. to DIN 12778. Division 1 °C. O.D. 8-10 mm.

Scale-range °C	Length mm	Mercury filling	Org. liquids
-200 +30	350	1.280.001	—
-100 +30	305	—	1.280.102
-50 +50	305	—	1.280.103
0 +100	305	1.280.004	—
0 +150	305	1.280.005	—
0 +250	350	1.280.006	—
0 +360	380	1.280.007	—



Precision low temperature laboratory thermometers (enclosed scale), blue reflecting, with opal glass scale, for officially testing. O.D. 8-10 mm.

Scale-range °C	Division °C	Length mm	Mercury-filling	Org. liquids
-200 +30	1	300	1.282.001	—
-100 +30	1	300	—	1.282.104
-50 +50	1	280	—	1.282.106
-38 +50	1	280	1.282.007	—
-200 +30	0.5	400	1.282.011	—
-100 +30	0.5	400	—	1.282.112
-50 +50	0.5	300	—	1.282.114
-38 +50	0.5	300	1.282.015	—
-50 +50	0.1	580	—	1.282.123
-58 +30	0.1	550	1.282.024	—
-38 +50	0.1	550	1.282.025	—



Precision calorimeter thermometers, acc. to Berthelot-Mahler (enclosed scale), opal glass scale, for officially testing, mercury filling. Divisions 0.01 °C. O.D. 14-15 mm. Length 780 mm.

Scale-range °C	
-10 +0	1.290.001
-5 +5	1.290.002
-0 +10	1.290.003
+10 +20	1.290.004
+15 +25	1.290.005
+20 +30	1.290.006
+25 +35	1.290.007
+30 +40	1.290.008
+35 +45	1.290.009
+40 +50	1.290.010
+45 +55	1.290.011
+50 +60	1.290.012
+55 +65	1.290.013
+60 +70	1.290.014
+65 +75	1.290.015
+70 +80	1.290.016
+80 +90	1.290.017
+90 +100	1.290.018
+95 +105	1.290.019
+100 +110	1.290.020



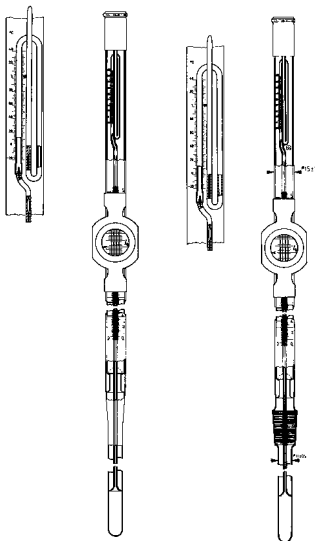
Precision calorimeter thermometers, ISO, yellow enamelled, with resistant DIFFICO-graduation, for officially testing. Divisions 0.01 °C. O.D. 9-10 mm. Length 760 mm.

Scale-range °C	
+9 +15	1.292.001
+12 +18	1.292.002
+15 +21	1.292.003
+18 +24	1.292.004
+21 +27	1.292.005
+24 +30	1.292.006
+27 +33	1.292.007
+30 +36	1.292.008
+33 +39	1.292.009
+36 +42	1.292.010
+39 +45	1.292.011



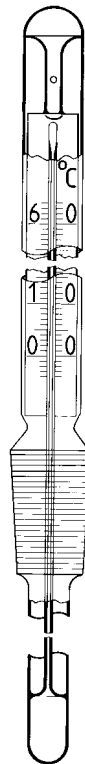
Precision adjusting thermometers acc. to Beckmann, without ST, with dropping traps and auxilliary scale -20 to +160 °C: 1 °C, for officially testing, mercury filling. O.D. 14-16 mm.

Scale-range °C	Division °C	Built-in-length mm	
For boiling-point			
0 +6	0.01	200	1.340.000
0 -6	0.01	170	1.355.000
For ice point methode			
0 -6	0.01	200	1.350.000
0 +6	0.01	170	1.345.000



Thermometers for flasks and still heads, with cone ST 14/23, blue reflection, not enamelled, prismatic, acc. to DIN 12784 (enclosed scale), mercury filling. O.D. 11 mm.

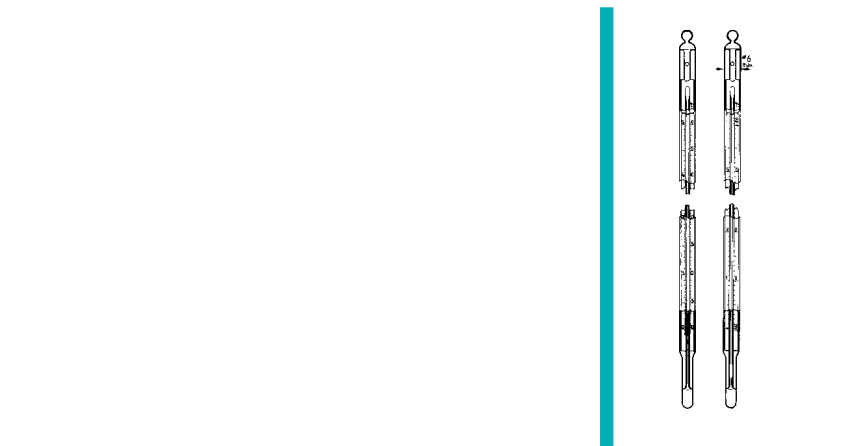
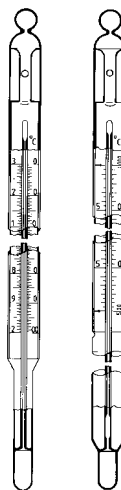
Scale-range °C	Built-in length mm	Division	
		1 °C	0.5 °C
-38 +50	68	1.300.001	—
-38 +50	75	1.300.002	—
-38 +50	95	1.300.003	—
-38 +50	125	1.300.004	—
-38 +50	150	1.300.005	—
-38 +50	68	—	1.302.001
-38 +50	75	—	1.302.002
-38 +50	95	—	1.302.003
-38 +50	125	—	1.302.004
-38 +50	150	—	1.302.005
-10 +100	250	—	1.310.008
-10 +100	300	—	1.310.009
-10 +150	68	1.312.001	—
-10 +150	75	1.312.002	—
-10 +150	95	1.312.003	—
-10 +150	125	1.312.004	—
-10 +150	150	1.312.005	—
-10 +150	175	1.312.006	—
-10 +150	200	1.312.007	—
-10 +150	250	1.312.008	—
-10 +150	300	1.312.009	—
-10 +150	68	—	1.314.001
-10 +150	75	—	1.314.002
-10 +150	95	—	1.314.003
-10 +150	125	—	1.314.004
-10 +150	150	—	1.314.005
-10 +250	68	1.316.001	—
-10 +250	75	1.316.002	—
-10 +250	95	1.316.003	—
-10 +250	125	1.316.004	—
-10 +250	150	1.316.005	—
-10 +250	175	1.316.006	—
-10 +250	200	1.316.007	—
-10 +250	250	1.316.008	—
-10 +250	300	1.316.009	—
-10 +250	68	—	1.318.001
-10 +250	75	—	1.318.002
-10 +250	95	—	1.318.003
-10 +250	125	—	1.318.004
-10 +250	150	—	1.318.005
-10 +360	68	1.320.001	—
-10 +360	75	1.320.002	—
-10 +360	95	1.320.003	—
-10 +360	125	1.320.004	—
-10 +360	150	1.320.005	—
-10 +360	175	1.320.006	—
-10 +360	200	1.320.007	—
-10 +360	250	1.320.008	—





Precision universal set thermometers, (enclosed scale), not enamelled, opal glass scale, for officially testing. O.D. 9 mm. Length 400 mm.

Scale-range °C	Division °C	
-200 +30	0.5	1.370.001
-100 +30	0.5	1.370.002
-58 +10	0.1	1.370.003
0 +51	0.1	1.370.004
+47 +101	0.1	1.370.005
+97 +151	0.1	1.370.006
+147 +201	0.1	1.370.007
+197 +251	0.1	1.370.008
+247 +301	0.1	1.370.009
+297 +360	0.1	1.370.010
+350 +401	0.1	1.370.011
+395 +610	0.5	1.370.012
+300 +700	2	1.370.013
+500 +1000	5	1.370.014
Complete set in a case		
-200 +1000		1.370.015
-200 +401		1.370.016
0 +610		1.370.017
Complete set in a case, officially tested and stamped		
-200 +1000		1.370.020
-200 +401		1.370.021
0 +610		1.370.022



Precision set thermometers, acc. to DIN 12777 (enclosed scale), not enamelled, opal glass scale, for officially testing. Mercury filling. O.D. 6 mm. Length 175 mm.

Scale-range °C	Division °C	
0 +50	0.2	1.365.001
+50 +100	0.2	1.365.002
+100 +150	0.2	1.365.003
+150 +200	0.2	1.365.004
+200 +250	0.5	1.365.005
+250 +300	0.5	1.365.006
+300 +360	1	1.365.007
Complete set in case		1.365.008
Complete set in case, officially tested and stamped		1.365.010



Dripping-point thermometers, acc. to DIN 12785 (enclosed scale), not enamelled, opal glass scale, mercury filling. Division 1 °C. O.D. 10 mm. Length 235 mm.

Scale-range °C	For officially testing	Officially tested and stamped
0 +110	1.366.001	—
+50 +160	1.366.002	—
+100 +230	1.366.003	—
0 +110	—	1.366.005
+50 +160	—	1.366.006
+100 +230	—	1.366.007



Setting-point thermometers, DIN 12785, (enclosed scale), not enamelled, opal glass scale, adjusted for a immersion of 180 mm, for officially testing. Division 1 °C. O.D. 10 mm. Length 360 mm.



Scale-range °C	Filling	
-70 +50	Toluol, red	1.367.001
-58 +50	Hg	1.367.002
-38 +50	Hg	1.367.003

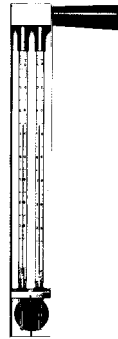


Congealing-point thermometers, acc. to DIN 12785, solid stem, yellow enamelled, with resistant DIFFICO-graduation, mercury filling. Division 0.5 mm. O.D. 6 mm. Length 300 mm.

Scale-range °C	For officially testing	Officially tested and stamped
0 +100	1.368.001	–
+50 +150	1.368.002	–
0 +100	–	1.368.004
+50 +150	–	1.368.005

Precision swinging psychrometer, only for meteorological purposes, for officially testing, with handle and 2 thermometers acc. to DIN 58661.

Type	
Complete	1.372.001
Complete, with leather case and evaluation sheet	1.372.002

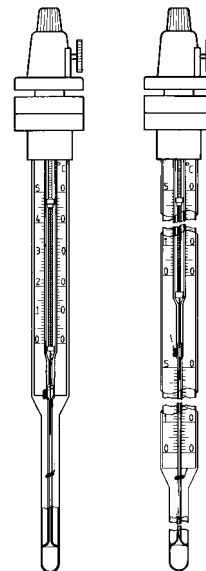


Contact thermometers, adjustable, with turning magnet, adjusting and reading scales, yellow enamelled, with plug cap. On request with cable, plugsize and length of cable must be mentioned. O.D. 18 mm.

Scale-range °C	Division °C	Built-in length mm	Without ST	With Cone ST 19/26
-30 +50	1	50	1.378.001	1.380.001
-30 +50	1	75	1.378.002	1.380.002
-30 +50	1	100	1.378.003	1.380.003
-30 +50	1	200	1.378.004	1.380.004
-30 +50	1	300	1.378.005	1.380.005
-10 +100	1	50	1.378.013	1.380.011
-10 +100	1	75	1.378.014	1.380.012
-10 +100	1	100	1.378.015	1.380.013
-10 +100	1	200	1.378.016	1.380.014
-10 +100	1	300	1.378.017	1.380.015
-10 +250	2	50	1.378.019	1.380.016
-10 +250	2	75	1.378.020	1.380.017
-10 +250	2	100	1.378.021	1.380.018
-10 +250	2	200	1.378.022	1.380.019
-10 +250	2	300	1.378.023	1.380.020
-10 +360	2	50	1.378.025	1.380.021
-10 +360	2	75	1.378.026	1.380.022
-10 +360	2	100	1.378.027	1.380.023
-10 +360	2	200	1.378.028	1.380.024
-10 +360	2	300	1.378.029	1.380.025

Melting-point thermometers, for melting-point apparatuses acc. to Thiele or Thomas, for officially testing. O.D. 6-7 mm. Length 250 mm.

Scale-range °C	Division °C	
-38 +100	0.5	1.375.001
+100 +250	0.5	1.375.002
+200 +360	0.5	1.375.003
0 +360	1	1.375.004

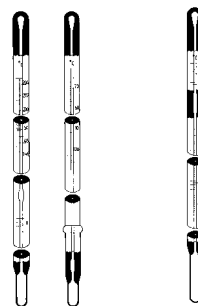




ASTM-thermometer, (solid stem) with Celsius-scale range, yellow enamelled. With resistant DIFFICO graduation.

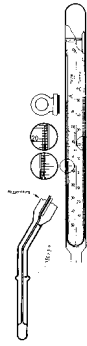
ASTM No.	ASTM Type	Scale °C	Division °C	ASTM No.	ASTM Type	Scale °C	Division °C		
1C	Partial Immersion	-20 +150	1	1.390.001	64C	Precision	+25 +55	0.1	1.390.049
2CB	Partial Immersion	-5 +300	1	1.390.002	65C	Precision	+50 +80	0.1	1.390.050
3C	Partial Immersion	-5 +400	1	1.390.003	66C	Precision	+75 +105	0.1	1.390.051
5C	Cloud and Pour	-38 +50	1	1.390.004	67C	Precision	+95 +155	0.2	1.390.052
6C	Low Cloud and Pour	-80 +20	1	1.390.005	68C	Precision	+145 +205	0.2	1.390.053
7C	Low Distillation	-2 +300	1	1.390.006	69C	Precision	+195 +305	0.5	1.390.054
8C	High Distillation	-2 +400	1	1.390.007	70C	Precision	+295 +405	0.5	1.390.055
9C	Pensky-Martens Low Range	-5 +110	0.5	1.390.008	71C	Oil in Wax	-37 +21	0.5	1.390.056
10C	Pensky-Martens High Range	+90 +370	2	1.390.009	73C	Kinematic Viscosity	-41,4 +38,6	0.05	1.360.057
11C	Open Flash	-6 +400	2	1.390.010	82C	Fuel Rating, Engine	-15 +105	1	1.360.058
12C	Gravity	-20 +102	0.2	1.390.011	83C	Fuel Rating, Air	+15 +70	1	1.360.059
13C	Loss on Heat	+155 +170	0.5	1.390.012	84C	Fuel Rating, Orifice Tank	+25 +80	1	1.390.060
14C	Paraffin Wax, Melting Point	+38 +82	0.1	1.390.013	85C	Fuel Rating, Surge	+40 +150	1	1.390.061
15C	Low Softening Point	-2 +80	0.2	1.390.014	86C	Fuel Rating, Mix	+95 +175	1	1.390.062
16C	High Softening Point	+30 +200	0.5	1.390.015	87C	Fuel Rating, Coolant	+150 +205	1	1.390.063
17C	Saybolt Viscosity	+19 +27	0.1	1.390.016	88C	Vegetable Oil Flash	+10 +200	1	1.390.064
18C	Saybolt Viscosity	+34 +42	0.1	1.390.017	89C	Solidification Point	-20 +10	0.1	1.390.065
19C	Saybolt Viscosity	+49 +57	0.1	1.390.018	90C	Solidification Point	0 +30	0.1	1.390.066
20C	Saybolt Viscosity	+57 +65	0.1	1.390.019	91C	Solidification Point	+20 +50	0.1	1.390.067
21C	Saybolt Viscosity	+79 +87	0.1	1.390.020	92C	Solidification Point	+40 +70	0.1	1.390.068
22C	Saybolt Viscosity	+95 +103	0.1	1.390.021	93C	Solidification Point	+60 +90	0.1	1.390.069
23C	Engler Viscosity	+18 +28	0.2	1.390.022	94C	Solidification Point	+80 +110	0.1	1.390.079
24C	Engler Viscosity	+35 +54	0.2	1.390.023	95C	Solidification Point	+100 +130	0.1	1.390.071
25C	Engler Viscosity	+95 +105	0.2	1.390.024	96C	Solidification Point	+120 +150	0.1	1.390.072
26C	Stability T. of Soluble Nitroc.	+130 +140	0.1	1.390.025	100C	Solidification Point	+145 +205	0.2	1.390.073
27C	Turpentine Distillation	+147 +182	0.5	1.390.026	101C	Solidification Point	+195 +305	0.5	1.390.074
33C	Aniline Point	-38 +42	0.2	1.390.027	102C	Solvents Distillation	+123 +177	0.2	1.390.075
34C	Aniline Point	+25 +105	0.2	1.390.028	103C	Solvents Distillation	+148 +202	0.2	1.390.076
35C	Aniline Point	+90 +170	0.2	1.390.029	104C	Solvents Distillation	+173 +227	0.2	1.390.077
36C	Titer Test	-2 +68	0.2	1.390.030	105C	Solvents Distillation	+198 +252	0.2	1.390.078
37C	Solvents Distillation	-2 +52	0.2	1.390.031	106C	Solvents Distillation	+223 +277	0.2	1.390.079
38C	Solvents Distillation	+24 +78	0.2	1.390.032	107C	Solvents Distillation	+248 +302	0.2	1.390.080
39C	Solvents Distillation	+48 +102	0.2	1.390.033	110C	Kinematic Viscosity	+133.6 +136.4	0.05	1.390.081
40C	Solvents Distillation	+72 +126	0.2	1.390.034	111C	Tar Acids Distillation	+170 +250	0.2	1.390.092
41C	Solvents Distillation	+98 +152	0.2	1.390.035	112C	Solidification Point of Benzene	+4 +6	0.02	1.390.083
42C	Solvents Distillation	+95 +255	0.2	1.390.036	113C	Bituminous Materials Sof.P.	-1 +175	0.5	1.390.084
44C	Kinematic Viscosity	+18.5 +21.5	0.05	1.390.037	114C	Aviation Fuel, Freezing Point	-80 +20	0.5	1.390.085
45C	Kinematic Viscosity	+23.6 +26.4	0.05	1.390.038	116C	Bomb Calorimeter	+18.9 +25.1	0.01	1.390.086
46C	Kinematic Viscosity	+48.6 +51.4	0.05	1.390.039	117C	Bomb. Calorimeter	+23.9 +30.1	0.01	1.390.087
47C	Kinematic Viscosity	+58.6 +61.4	0.05	1.390.040	118C	Kinematic Viscosity	+28.6 +31.4	0.05	1.390.088
49C	Stormer Viscosity	+20 +70	0.2	1.390.041	119C	Antifreeze Freezing Point	-38.3 -30	0.1	1.390.089
52C	Butadiene Boiling Point R.	-10 +5	0.1	1.390.042	120C	Kinematic Viscosity	+38.5 +41.5	0.05	1.390.090
54C	Congealing Point	+20 +100	0.2	1.390.043	121C	Kinematic Viscosity	+98.5 +101.5	0.05	1.390.091
56C	Bomb Calorimeter	+19 +35	0.02	1.390.044	122C	Brookfield Viscosity	-45 -35	0.1	1.390.092
57C	Tag Closed Tester Low Range	-20 +50	0.5	1.390.045	123C	Brookfield Viscosity	-35 -25	0.1	1.390.093
61C	Petrolatum Melting Point	+32 +127	0.2	1.390.046	124C	Brookfield Viscosity	-25 -15	0.1	1.390.094
62C	Precision	-38 +2	0.1	1.390.047	125C	Brookfield Viscosity	-15 -5	0.1	1.390.095
63C	Precision	-8 +32	0.1	1.390.048	127C	Kinematic Viscosity	-21.4 -18.6	0.05	1.390.097
					128C	Kinematic Viscosity	-1.4 +1.4	0.05	1.390.098
					129C	Kinematic Viscosity	+91.6 +94.4	0.05	1.390.099
					130C	Tank	-7 +105	0.5	1.390.100

ASTM-thermometer (solid stem) with Fahrenheit scale range on request.





Soil thermometers, maximum and minimum, angle 150 °, with magnet, are used to measure temperatures of soil. There is a steel index marker above the mercury column which indicates the maximum or minimum temperatures. Hg-filling, yellow enamelled. Division 0.5 °C.



Scale-range °C	Stem length mm	
-30 +50	20	1.391.001
-25 +50	50	1.391.002
-25 +50	100	1.391.003
-20 +50	150	1.391.004
-20 + 50	200	1.391.005

Stem thermometers, DIN 16178, opal glass scale, yellow enamelled, mercury filling, without protective metal case.

Scale-range °C	Division °C	Immersion length mm	
-30 +50	1	105	1.396.001
-30 +50	1	165	1.396.002
-30 +50	1	213	1.396.003
-30 +50	1	303	1.396.004
-30 +50	1	405	1.396.005
0 +110	1	105	1.396.006
0 +110	1	165	1.396.007
0 +110	1	213	1.396.008
0 +110	1	303	1.396.009
0 +110	1	405	1.396.010
0 +160	2	105	1.396.011
0 +160	2	165	1.396.012
0 +160	2	213	1.396.013
0 +160	2	303	1.396.014
0 +160	2	405	1.396.015
0 +200	2	105	1.396.016
0 +200	2	213	1.396.017
0 +300	2	165	1.396.018
0 +300	2	213	1.396.019
0 +300	2	303	1.396.020
0 +300	2	405	1.396.021
0 +400	5	105	1.396.022
0 +400	5	213	1.396.023
0 +400	5	303	1.396.024
0 +400	5	405	1.396.025

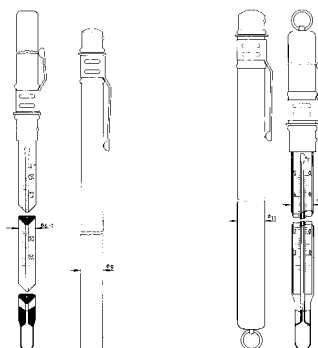
Protective metal case upon request



Pocket thermometers, DIFFICO-graduation, resistant to acids and alkali. In a nickel-plated protective metal case with a bajonet joint and clips for mounting. Total length 140 mm. Division 1 °C.

1. Stem form, prismatic, white enamelled, red filling.
2. Enclosed scale, unenamelled, red filling.

Scale-range °C	1.	Scale-range °C	2.
-50 +50	1.393.001	-38 +50	1.394.001
-38 + 50	1.393.002	-10 +50	1.394.002
-10 +50	1.393.003	-10 +100	1.394.003
-10 +100	1.393.005	-10 +250	1.394.004

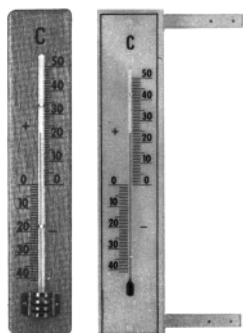
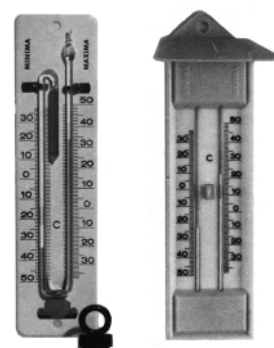


Clinical thermometers, oval form, enclosed white chromalux-scale, yellow capillary, +36 to +42 °C, subdivided in 0.1 °C, with cylindrical bulb 130 mm long.

Type	
Workside tested, suitable for certification	4.970.001
Officially tested and stamped	4.970.002

Maximum-minimum thermometers, weatherproof. Range -30 to +50 °C, subdivided in 1/1 °C.

Type	
With magnet	4.970.010
With push-button	4.970.020



Wall-window thermometers, range -40 to +50 °C, subdivided in 1/1 °C, with inserted spirit filled.

Type	
Wall thermometer	4.970.100
Window thermometer	4.970.200