

Illustrated Catalogue

OF
CHEMICAL & PHYSICAL
GLASS APPARATUS
FOR SCIENTIFIC & TECHNICAL
PURPOSES.

CONSTANTIN HEINTZ

GLASS WORKS

ESTABLISHED 1869.

STÜTZERBACH

in Thuringia (Germany).

Illustrated Catalogue

chemical, physical
and scientific apparatus and instruments

sold by

Constantin Heintz

Glass-Works and Instrument-Maker



in

Stützerbach

Thuringia (Germany).

Telegraphic Address: Constantin Heintz Stützerbach.

Railway station Ilmenau.

Established 1869.

Maker of scientific, chemical, physical, meteorological, technical,
medical, surgical and pharmaceutical apparatus and instruments;

complete Outfit of Laboratories
for universities, schools and chemical works.

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Porcelain of Thuringian, Royal Berlin and Meissen
and Brandenburg make.



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New Articles not mentioned in this catalogue will be furnished promptly and at lowest prices from pattern or sketch sent.

Favourable conditions to inventors of new practical apparatus.

Stützerbach, Thuringia, 1895.

Constantin Heintz.

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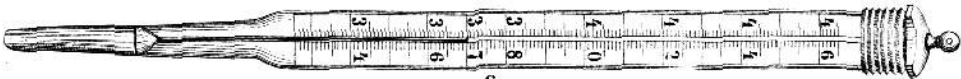
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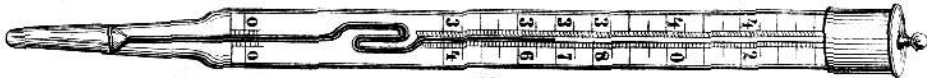
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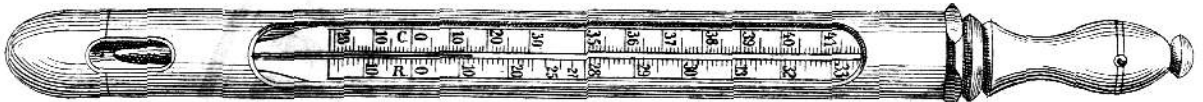
6.



8.



14.



17.

No.

Clinical Thermometers

made of Jena normalglass.

each

			each	
			s.	d.
1	Clinical Thermometers	with paperscale, in board case	—	11
2	—	with milkglass-scale, in board case	1	—
3	—	with paperscale, in wood case	—	11
4	—	with milkglass-scale, in wood case	1	—
5	—	with milkglass-scale, in wood case, 20cm long, Max.	1	5
6	—	with milkglass-scale, Maximum, 12 cm long, in nickle- or hardrubber-case	1	6
7	—	graduated on stem, in wood-, hardrubber- or nickle-case	1	5
8	—	graduated on stem, Maximum selfregistering, in nickle- or hardrubber-case	1	10
9	—	with milkglass-scale, Maximum selfregistering, in hardrubber- or nickle-case	1	6
10	—	with milkglass-scale, Maximum, registering in one minute	1	9
11	—	graduated on stem, Maximum, registering in one minute, in hardrubber- or nickle-case	1	9
12	—	graduated on stem, prismatic, Maximum, in hard- rubber- or nickle-case	1	10
13	—	filled with spirit, milkglass-scale, for better reading, each more	—	8
14	—	with zero, for controlling, milkglass-scale	7	—
15	—	with official certificates each more net	1	—
16	—	graduated on stem, for Veterinary purpose, Maximum, in nickle-case	1	11
17	Room-bath and Clinical-thermometers	combined, made of Jena normal- glass, milkglass-scale, in polished wood frames	2	5
18	—	with paperscale	2	2



19.



24.

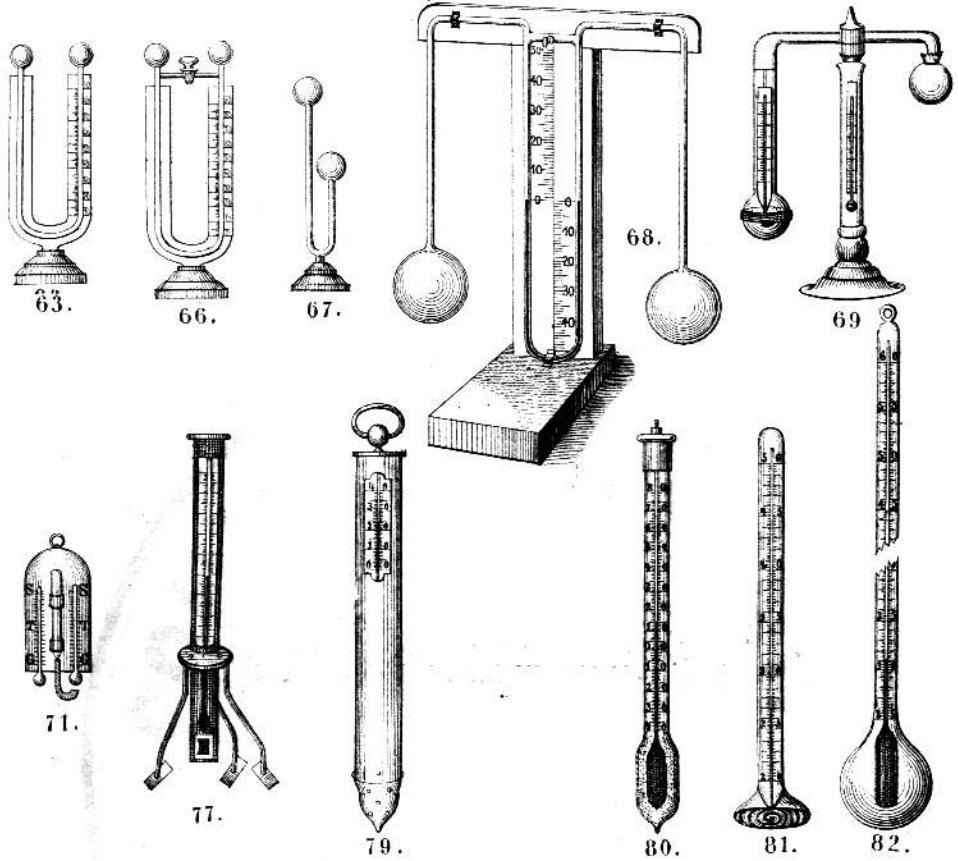
No.	Chemical thermometers made of Jena normalglass.						
	19	Paperscale, 100	150	200	360° C.	212	400
	s. —,11	1,—	1,2	1,3	1,—	1,2	1,4
20	the same with 2 scales, 100° C. & 212° F.,	150° C. & 300° F.,	200° C. & 400° F.,	360° C. & 600° F.			
	s. 1,2		1,3		1,4		1,6
21	milkglass-scale, 100	150	200	360° C.	212	400	600° F.
	s. 1,3	1,4	1,6	1,9	1,4	1,9	2,—
22	the same with 2 scales, 100° C. & 212° F.,	150° C. & 300° F.,	200° C. & 400° F.,	360° C. & 600° F.			
	s. 1,6		1,9		1,11		2,3
23	the same filled with nitrogen,			400° C. or 750° F.			
				s. 2,9			
24	graduated on stem with white back, 100° C., 1/5° or 212° F., 1/2°			100° C., 1/10° or 212° F., 1/5°			
		s. 3,—			5,—		
	100	150	200	360° C.	212	400	600° F.
	s. 1,6	1,8	1,10	2,3	1,8	2,—	2,5
25	the same with 2 scales, 100° C. & 212° F.,	150° C. & 300° F.,	200° C. & 400° F.,	360° C. & 600° F.			
	s. 1,9		2,—		2,3		2,9
26	the same filled with nitrogen,			400° C. or 750° F.			
				s. 3,3			
27	Paperscale, 100	200	360° C.	212	400	600° F.	
	s. —,9	—,11	1,2	—,10	1,—	1,3	



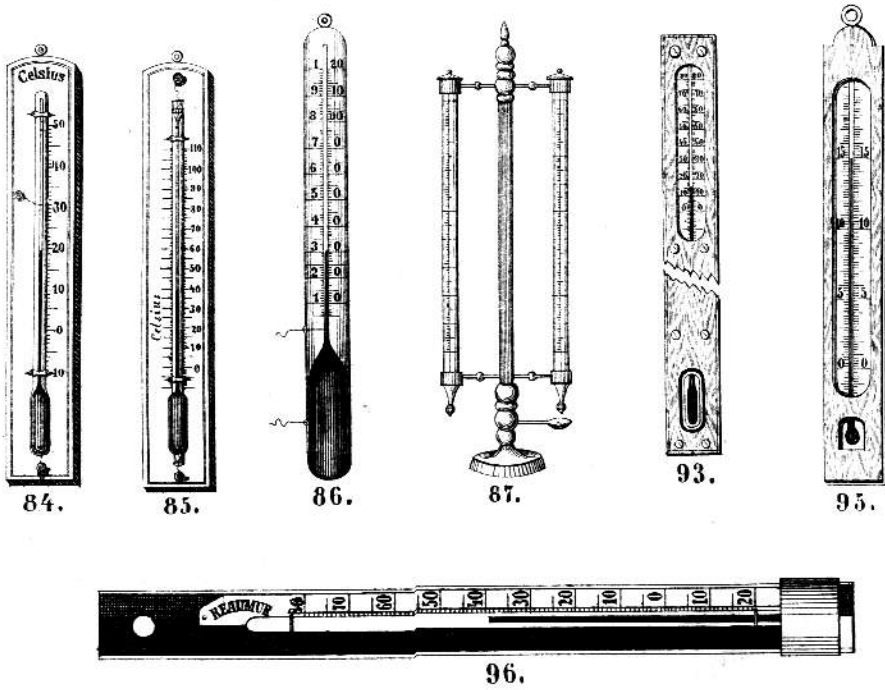
32.

No.	Description	each			d.	s.	
		100	200	360° C.			
28	Chemical thermometers, 2 scales,	100	200	360° C.			
		212	400	600° F.			
		s. 1,2 1,6 1,8					
29	on stem, with covered scale,	100	200	250	360° C.		
		s. 1,9 2,— 2,2 2,4					
30	Kryometers on stem for low temperature — 150 + 20°				3	—	
31	Chemical thermometers graduated on stem with white back, bowed,	100	200	360° C.	212	400	600° F.
		s. 2,— 2,6 3,— 2,— 2,6 3,—					
32	Standard thermometers, made of Jena normalglass, milkglass-scale,						
	metal cap — 10 + 100° C. or 80° R. $\frac{1}{10}^{\circ}$				8	—	
	— 10 + 100° C. or 80° R. $\frac{1}{5}^{\circ}$				6	—	
	— 10 + 50° C. or 40° R. $\frac{1}{10}^{\circ}$				5	6	
	— 10 + 50° C. or 40° R. $\frac{1}{5}^{\circ}$				5	—	
33	— graduated on stem,						
	— 10 + 100° C. or 80° R. $\frac{1}{10}^{\circ}$				7	6	
	— 10 + 100° C. or 80° R. $\frac{1}{5}^{\circ}$				5	9	
	— 10 + 50° C. or 40° R. $\frac{1}{10}^{\circ}$				5	3	
	— 10 + 50° C. or 40° R. $\frac{1}{5}^{\circ}$				4	9	
34	Allihn's Standard thermometers, made of Jena normalglass, in sets of three, 100° each,						
	No. 1. — 5 + 100°, $\frac{1}{2}^{\circ}$				8	—	
	No. 2. + 100 + 200°, $\frac{1}{2}^{\circ}$				10	—	
	No. 3. + 200 + 300°, $\frac{1}{2}^{\circ}$				12	—	
	No. 2 and 3 with zero and boiling point.						
35	— in leather-cover				36	6	
36	Dr. Anschütz's Standard thermometers, made of Jena normalglass, in sets of seven, milkglass-scale, $\frac{1}{1}^{\circ}$, 11 cm long,						
	No. 1. — 15 + 55° C. } in case				35	—	
	No. 2. — 45 + 105° C. }						
	No. 3. + 95 + 160° C. }						
	No. 4. + 140 + 220° C. }						
	No. 5. + 195 + 265° C. }						
	No. 6. + 240 + 310° C. }						
	No. 7. + 295 + 360° C. }						
37	— $\frac{1}{5}^{\circ}$, 13 cm long, in leather-cover				50	—	
38	— No. 1—5, $\frac{1}{1}^{\circ}$ in case				25	—	
39	— No. 1—5, $\frac{1}{5}^{\circ}$ in case				35	—	
40	single thermometers,						
	No. 1—4, $\frac{1}{1}^{\circ}$				4	—	
	No. 1—4, $\frac{1}{5}^{\circ}$				6	—	
	No. 5—7, $\frac{1}{1}^{\circ}$				6	—	
	No. 5—7, $\frac{1}{5}^{\circ}$				8	—	

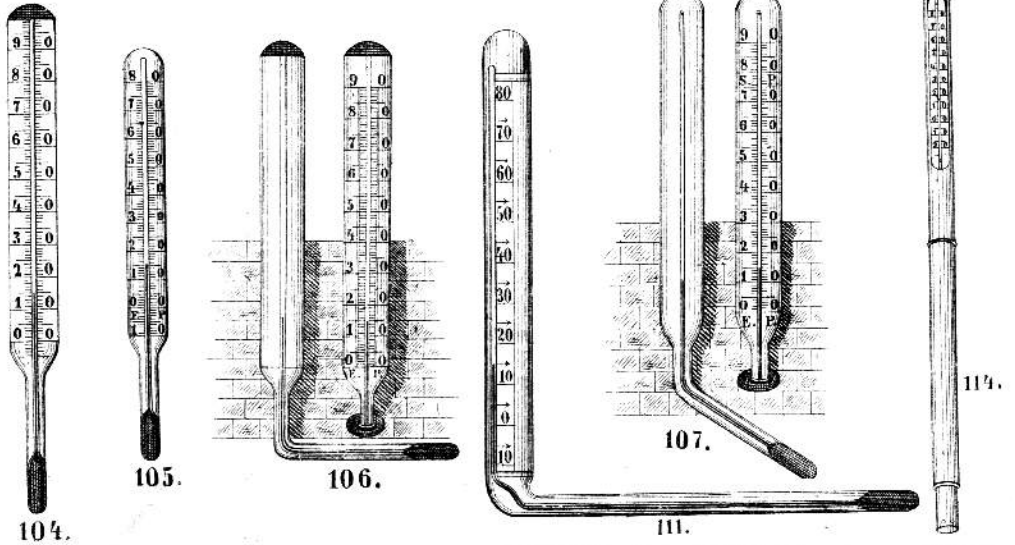
No.		each																															
		s.	d.																														
41	Dr. Anschütz's Standard thermometers , made of Jena normalglass, in sets of seven, graduated on stem, $\frac{1}{1}^{\circ}$, 14 cm long, in case.	32	6																														
42	— the same, $\frac{1}{2}^{\circ}$	35	6																														
43	— the same, $\frac{1}{5}^{\circ}$	41	6																														
44	single thermometers ,																																
	No. 1—2, $\frac{1}{1}^{\circ}$	3	8																														
	No. 1—2, $\frac{1}{2}^{\circ}$	4	3																														
	No. 1—2, $\frac{1}{5}^{\circ}$	5	—																														
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	No. 3—7, $\frac{1}{2}^{\circ}$	5	3																														
	No. 3—7, $\frac{1}{5}^{\circ}$	5	10																														
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46	thermometers for physiological purposes , $+25 + 50^{\circ}$, $\frac{1}{10}^{\circ}$, with small bulb	7	6																														
47	— the same $\frac{1}{5}^{\circ}$	5	9																														
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49	— the same $\frac{1}{50}^{\circ}$	19	—																														
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56	thermometers for sugar works	8	—																														
57	thermometers for determination of fume's temperature	9	9																														
58	thermometer, $0 + 25$, $\frac{1}{5}^{\circ}$ C., with a coloured line at $15\frac{1}{2}^{\circ}$ C.	4	—																														
59	chemical Standard thermometer , with safety-bulb and insmolten milk-glass-scale <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">100</td> <td style="padding-right: 20px;">200</td> <td style="padding-right: 20px;">250</td> <td style="padding-right: 20px;">300</td> <td style="padding-right: 20px;">360° C.</td> </tr> <tr> <td colspan="5"><hr/></td> </tr> <tr> <td style="padding-right: 20px;">s. 1,10</td> <td style="padding-right: 20px;">2,3</td> <td style="padding-right: 20px;">2,6</td> <td style="padding-right: 20px;">3,—</td> <td style="padding-right: 20px;">3,3</td> </tr> <tr> <td></td> <td style="padding-right: 20px;">212</td> <td style="padding-right: 20px;">350</td> <td style="padding-right: 20px;">600° F.</td> <td></td> </tr> <tr> <td colspan="5"><hr/></td> </tr> <tr> <td style="padding-right: 20px;">s. 2,—</td> <td style="padding-right: 20px;">2,6</td> <td style="padding-right: 20px;">3,—</td> <td colspan="2"></td> </tr> </table>	100	200	250	300	360° C.	<hr/>					s. 1,10	2,3	2,6	3,—	3,3		212	350	600° F.		<hr/>					s. 2,—	2,6	3,—				
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	212	350	600° F.																														
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s. 2,—	2,6	3,—																															
60	— with safety-bulb, filled with nitrogen, graduated on stem, <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="padding-right: 20px;">100</td> <td style="padding-right: 20px;">200</td> <td style="padding-right: 20px;">250</td> <td style="padding-right: 20px;">300</td> <td style="padding-right: 20px;">360° C.</td> </tr> <tr> <td colspan="5"><hr/></td> </tr> <tr> <td style="padding-right: 20px;">s. 2,—</td> <td style="padding-right: 20px;">2,5</td> <td style="padding-right: 20px;">2,9</td> <td style="padding-right: 20px;">3,3</td> <td style="padding-right: 20px;">3,6</td> </tr> <tr> <td></td> <td style="padding-right: 20px;">212</td> <td style="padding-right: 20px;">350</td> <td style="padding-right: 20px;">600° F.</td> <td></td> </tr> <tr> <td colspan="5"><hr/></td> </tr> <tr> <td style="padding-right: 20px;">s. 2,3</td> <td style="padding-right: 20px;">2,9</td> <td style="padding-right: 20px;">3,3</td> <td colspan="2"></td> </tr> </table>	100	200	250	300	360° C.	<hr/>					s. 2,—	2,5	2,9	3,3	3,6		212	350	600° F.		<hr/>					s. 2,3	2,9	3,3				
100	200	250	300	360° C.																													
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s. 2,—	2,5	2,9	3,3	3,6																													
	212	350	600° F.																														
<hr/>																																	
s. 2,3	2,9	3,3																															
61	— $0 + 100$, $\frac{1}{5}^{\circ}$ $100 + 200$ $\frac{1}{5}^{\circ}$ s. 3,6 4,6																																
62	— $0 + 100$, $\frac{1}{10}^{\circ}$ $100 + 200$, $\frac{1}{10}^{\circ}$ s. 5,— 6,—																																



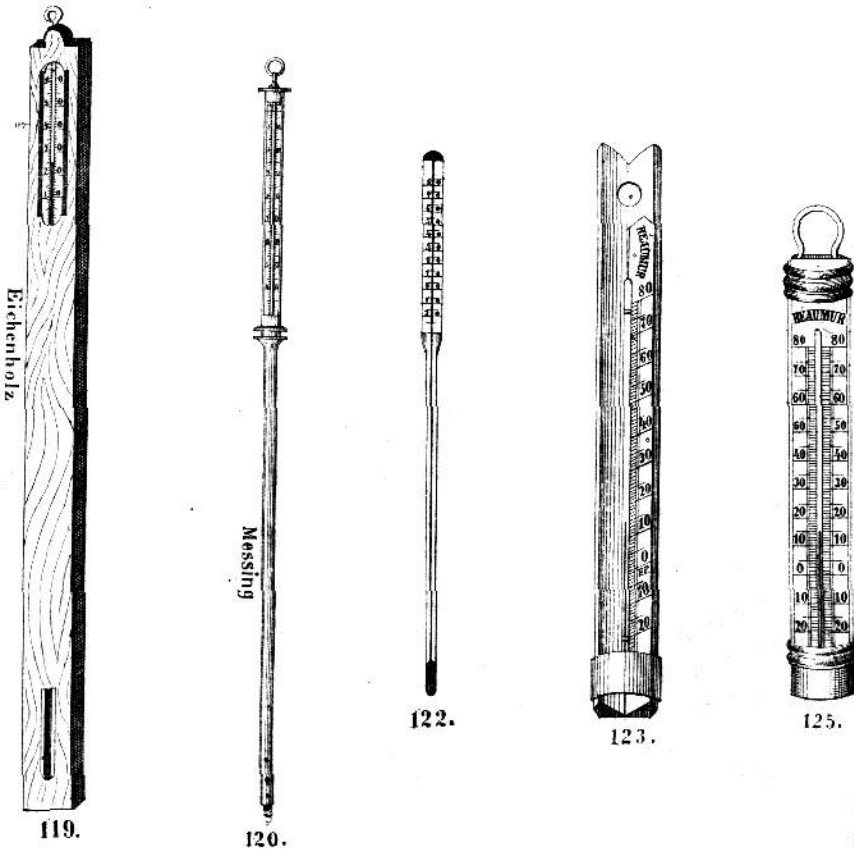
No.		each	
		s.	d.
63	Leslie's Differential thermometers, on polished wood	2	—
64	— with milkglass-scale	2	9
65	— division in centimeters on polished wood	3	6
66	— with milkglass-scale & Geissler's stopcock	4	—
67	Differential thermometers	1	2
68	Matthiessen's — with stopcock	12	6
69	Daniell's hygrometers, normalglass, polished stand	7	6
70	— — stand of finer finish	9	—
71	Mason's hygrometers	3	9
72	Sanssure's hair —	4	—
73	Regnault's hypsometer complete in leather-cases	36	—
74	— — 95 + 100° C., $\frac{1}{50}^{\circ}$	33	—
75	— — the thermometer only 95 + 100° C., $\frac{1}{100}^{\circ}$	18	—
76	— — the thermometer only $\frac{1}{50}^{\circ}$	15	—
77	Lammond's earth thermometers, $\frac{1}{5}^{\circ}$ C., normalglass, paperscale	5	6
78	— — $\frac{1}{10}^{\circ}$	6	6
79	Earth thermometers, brass-case, paperscale	5	—
80	freezing thermometers, with milkglass-scale, brass-cap & screw	3	6
81	skin thermometers, + 20 + 50° C., $\frac{1}{5}^{\circ}$ graduated on stem, with spiral bulb	10	—
82	insolation thermometers, — 10 + 60° C., $\frac{1}{5}^{\circ}$, graduated on stem, with mark and glass-bulb void of air, in leather-case	25	—



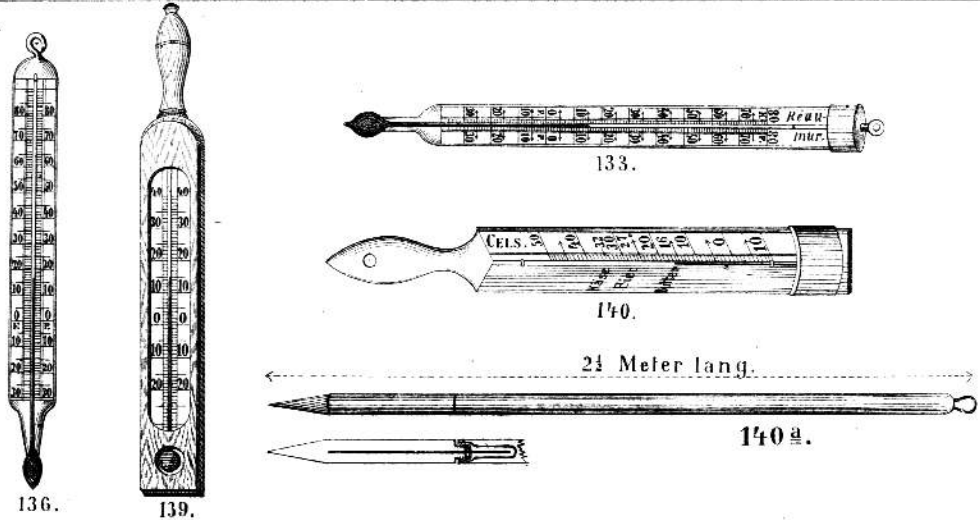
No.	Description	each	
		s.	d.
83	contact thermometers , milkglass-scale, superior part 250 × 22 mm inferior part 730 960 1230 1340 mm × 13 mm diameter s. 10,6 12,— 13,6 15,—		
84	alarm thermometers , without battery & conducting wires	8	9
85	— to adjust for every temperature	6	8
86	— Ernach's, to adjust for every temperature till 200° C.	7	6
87	August's psychrometers , thermometers made of Jena normalglass, milk-glass-scale, $\frac{1}{10}^{\circ}$ C., wooden stand with brass holders	15	—
88	— $\frac{1}{5}^{\circ}$	13	6
89	— on brass stand, porcelain foot, $\frac{1}{10}^{\circ}$	18	3
90	— $\frac{1}{5}^{\circ}$	16	9
91	— without stand or holders, the thermometers only, $\frac{1}{10}^{\circ}$	10	—
92	— $\frac{1}{5}^{\circ}$	9	—
93	thermometers for manufactories in solid wood frame with handle, length 60 100 cm s. 7,6 12,—		
94	thermometer only without wood frame s. 4,6 6,—		
95	thermometer for fermenting houses , paperscale, in wood frame, 50 cm — 5 + 20° 0 + 20° $\frac{1}{1}$ $\frac{1}{5}$ $\frac{1}{10}^{\circ}$ $\frac{1}{1}$ $\frac{1}{5}$ $\frac{1}{10}^{\circ}$ s. 2,3 3,— 4,— 2,— 2,6 3,6		
96	— for fermenting rooms, silvered brass scale on black wood in angle — 5 + 15, $\frac{1}{5}^{\circ}$	1	3
97	— for fermenting rooms, floating, in wood cases, 36 cm	2	3
98	— 25 cm	1	8



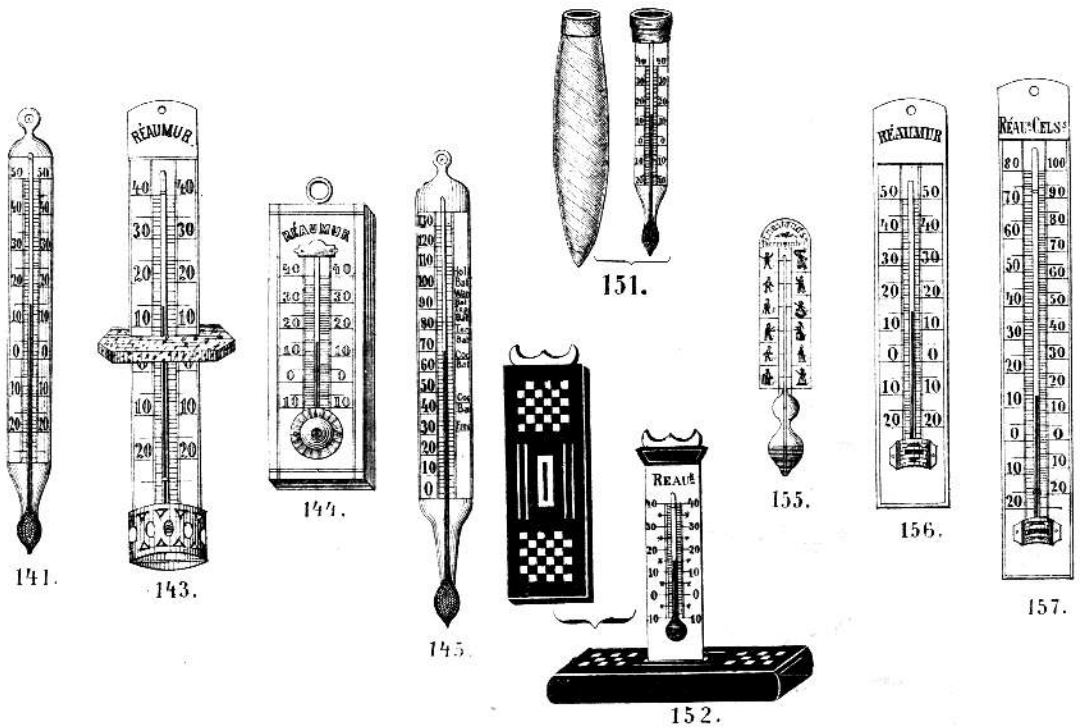
№.		each	
		s.	d.
99	cellar thermometer, oak frame	1	11
100	thermometer for malt floor, milkglass-scale	4	4
101	— paperscale	3	2
102	— for incubators, on wood	—	9
103	— paperscale in glass tube	—	8
104	diffusion thermometers, 0 + 90, 0 + 120°, superior part 230—240 mm diameter 22 mm inferior part 100 120 150 170 200 250 300 400 mm s. 1,9 2,— 2,3 2,4 2,6 2,9 3,— 3,3 500 700 900 901—950 955—1000 1005—1200 1205—1500 mm s. 3,6 3,9 3,11 4,2 4,3 4,6 4,9 superior part 270 280 380 380 380 mm diameter 32 32 32 32 32 mm inferior part 130 160 830—1000 1005—1200 1205—1500 mm s. 2,9 3,3 5,— 6,— 7,6		
105	diffusion thermometers, closed top, each more	—	5
106	— bowed: superior part 230 230 230 240 450 460 mm diameter 22 22 22 22 22 26 mm inferior part 220 265 290 230 360 230 mm s. 2,9 3,— 3,3 3,2 3,9 4,—		
107	— closed above, each more	—	5
108	thermometers in iron case, milkglass-scale, 96 cm, + 250°, for oil boiling houses	20	
109	— milkglass-scale, brass-cap, for furnaces, 360° C.	3	—
110	— bowed	3	8
111	— for vinegar-works, bowed, milkglass-scale	1	9
112	— paperscale	1	3
113	— smaller	1	—
114	— for mash-tuns, 1,7 m long, in round wooden frame, milkglass-scale, brass-shin, safety-brass-cap for the mercury-bulb	7	6



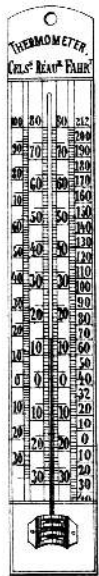
No.	Description	each	
		s.	d.
115	thermometers, paperscale	7	—
116	— without brass-shin, with milkglass-scale	5	—
117	— without brass-shin, with paperscale	4	6
118	— for mash-tuns, with milkglass-scale, without wooden frame, without brass-shin, 1 m long	2	6
119	— for mash-tuns, milkglass-scale, in square oak frame, total length 90 110 130 150 180 cm		
	s. 5,— 5,6 5,9 6,— 6,6		
120	in brass cases with spiral s. 13,10 14,3 14,11 18,9 21,6		
121	thermometer only without case s. 2,5 2,9 3,— 3,9 4,3		
122	thermometers for mash-tuns, with paperscale, without wooden frame, without brass-shin, 1 m long	2	3
123	— in black wood frame, in right angle, silvered brass-scale, 30 40 50 60 75 90 100 125 150 cm long		
	s. —,10 1,— 1,3 1,6 1,9 2,— 2,6 3,— 4,3		
124	brass-scale, safety-cap for the bulb, 30 cm long	2	6
125	Dr. Forbe's and thermometers for breweries, silvered brass scale, 20 25 30 35 cm		
	s. 2,4 2,8 3,5 3,9		



No.	Description	each	
		s.	d.
126	Dr. Forbe's and thermometers for breweries, in japanned tin case, 20 25 30 cm s. 1,9 2,4 2,9		
127	— in coppered case, 20 25 30 30 cm s. 1,8 1,11 2,3 2,8		
128	the silvered brass scales only, with tubes, 20 25 30 35 cm s. 1,2 1,4 1,7 1,11		
129	milkglass-scale in coppered case, 20 25 cm s. 2,2 2,8		
130	thermometer with paperscale, sinking down in sulphuric acid	—	6
131	thermometers to fit up on barometers etc., 13—16 cm, milkglass-scale	—	8
132	— silvered brass scale	—	6
133	— milkglass-scale enclosed in glass-tube, with brass-cap, 15 20 25 30 35 40 cm s. —,11 1,— 1,2 1,3 1,6 2,—		
134	— with 2 scales s. 1,— 1,2 1,3 1,5 1,9 2,3		
135	— filled with spirit more	1	—
136	— paperscale, without brass-cap, 15 20 25 30 35 40 cm s. —,5 —,5 —,6 —,6 —,7 —,8		
137	— with 2 scales s. —,6 —,7 —,7 —,8 —,8 —,9		
138	Dairy thermometers, paperscale enclosed in glass-tube, 15—18 20 25 30 cm s. —,5 —,5 1/2 —,6 —,6		
139	— floating dairy thermometers, 25 30 40 45 50 cm s. —,8 —,9 —,11 1,— 1,3		
140	thermometer for butter and cheese, tin-scale on wood, dutch shape .	—	11
140a	— maximum for stacks, paperscale + 60 + 200° F. brass case extra	4	6



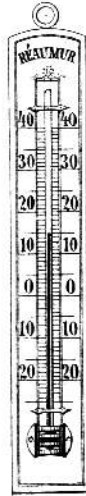
No.	Description	each	
		s.	d.
141	Bath or floating thermometers, milkglass-scale, enclosed in glass-tube, 16 cm	—	10
142	— paperscale	—	8
143	— on pear tree-wood, with safety-cap for the bulb and cork	—	9
144	— on polished wood, 12 cm long, with bowed tube, floating	—	8
145	— paperscale, enclosed in glass-tube, Dr. Forbe's specifications, 15 20 25 30 cm s. —,4 —,5 —,5½ —,6		
146	— in wood frames, Dr. Forbe's specifications, 25 30 35 40 45 cm s. —,8 —,9 —,10 —,11 1,—		
147	— in polished wood case, silvered brass scale	2	6
148	— smaller	2	—
149	Pocket thermometers, paperscale, enclosed in glass-tube, in brass-case	—	8
150	thermometers for wells —5 —15° C., 1/10 in angle, milkglass-scale	3	9
151	— cigar-imitation	—	4½
152	— with ivory-scale, in decorated case	2	6
153	— half decorated	2	3
154	— black	1	8
155	Matrimonial thermometers	—	5
156	thermometers on wood, polished various colours, 15 20 25 30 cm s. —,4 —,4½ —,5 —,6		
157	with 2 scales s. —,4 —,5 —,5 —,6		



158.



159.



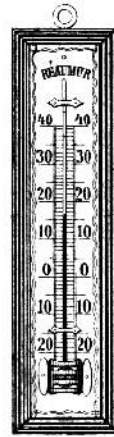
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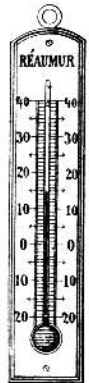
164.



165.

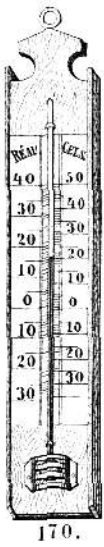


166.

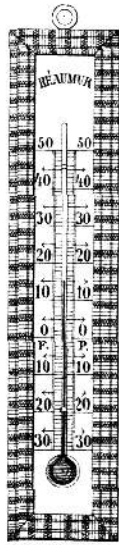


167.

No.		each	
		s.	d.
158	thermometers on wood with 3 scales, 30 cm	—	9
159	thermometers on polished wood, with handle, english shape, black, yellow, white and natural colour, 20 25 cm s. —,8 —,10		
160	— polished edges, 15—18 20 25 30 cm s. —,4½ —,5 —,6 —,6		
161	— box-wood-imitation, 26 cm	—	11
162	— assorted, polished, with facets, 21 cm	—	11
163	— assorted, polished, with facets, 25 cm	1	—
164	— silvered brass-scale, on polished wood, with black edges, 20 25 30 cm s. —,11 1,— 1,2		
165	— with round edges, 20 25 cm s. 1,3 1,6		
166	— with inclined facet, 20 cm	1	4
167	— with oval top and half-round facet	1	4
168	— milkglass-scale, on polished wood, 20 25 cm s. 1,2 1,8		
169	— on mahogany or nut-tree, channeled, 20 25 cm s. 2,3 2,6		



170.



171.



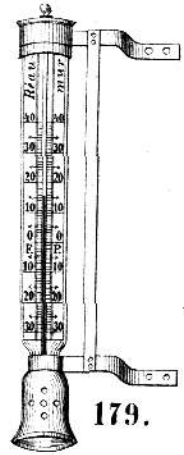
174.



175.

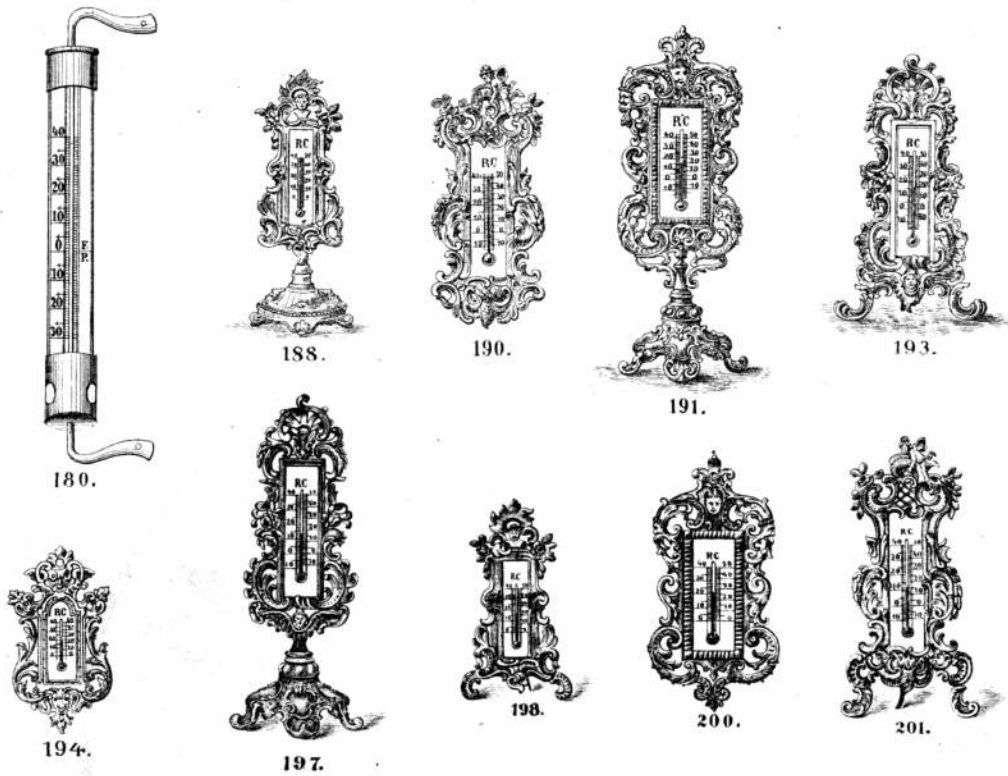


176.

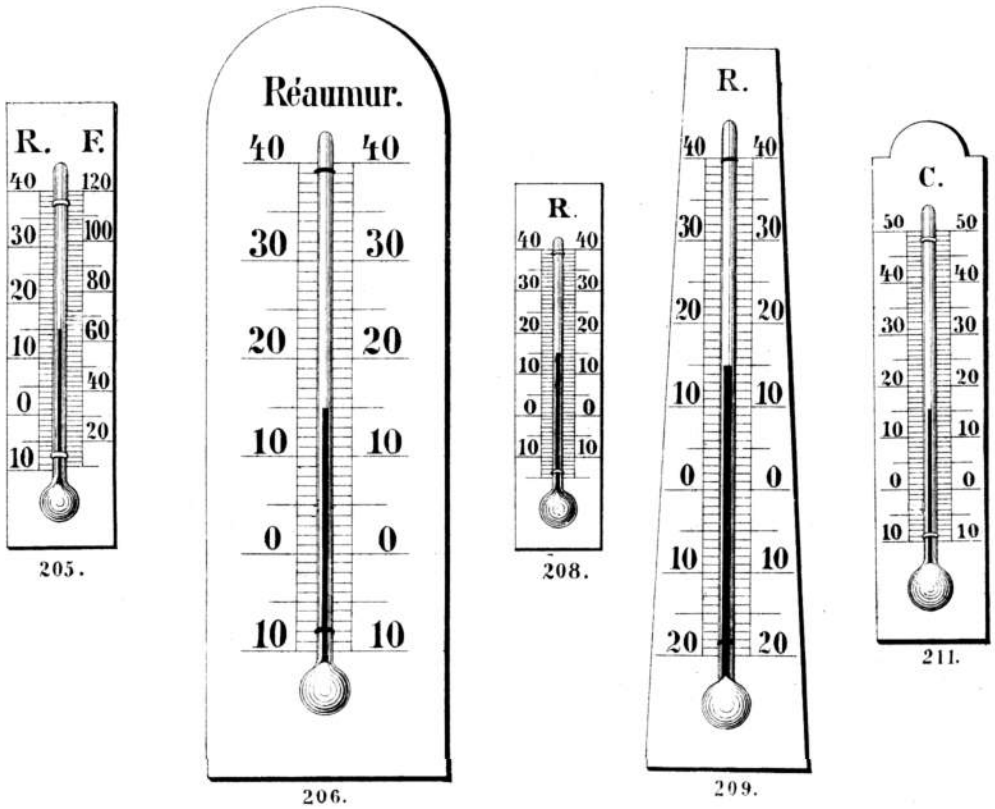


179.

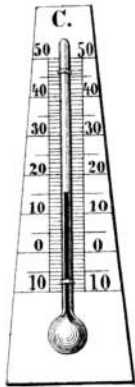
No	Description	each	
		s.	d.
170	thermometers on polished wood,		
	20 25 cm		
	s. 1,6 2,—		
171	— Rococo framing with common mercury bulb	2	—
172	— " " " spiral " reservoir	2	9
173	— " " " " spirit "	2	6
174	Window-thermometers with pearl-facet,		
	20 25 30 cm		
	s. 2,— 2,3 2,9		
175	— with plain-facet,		
	20 25 30 cm		
	s. 1,9 1,11 2,3		
176	— without facet, with sand-edges,		
	20 25 30 cm		
	s. 1,6 1,9 2,2		
177	— with polished edges,		
	20 25 30 cm		
	s. 1,8 1,10 2,4		
178	— white enamelled glass-scale, polished edges,		
	20 25 30 cm		
	s. 1,11 2,— 2,5		
179	— milkglass-scale enclosed in glass-tube, fitted in brass-holder,		
	20 25 30 cm		
	s. 1,6 1,9 2,2		
180	— with cap holders,		
	20 25 30 cm		
	s. 1,6 1,8 1,9		
181	— with 2 scales, each more	—	4
182	— with brass mounting each more	—	9
183	— milkglass-scale, on polished wood, safety for the bulb, brass-holders	2	6



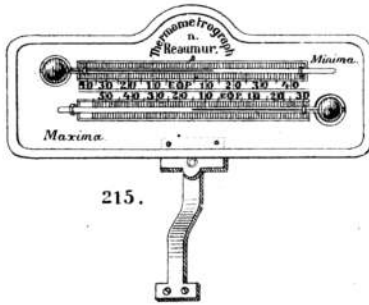
No.		each	
		s.	d.
184	Window-thermometers with brass-holders, 25 30 cm s. 2,11 3,6		
185	thermometers for Linde's ice making machines , milkglass-scale, paper- case, — 10 + 35 $\frac{1}{10}^{\circ}$ C., — 5 + 50 $\frac{1}{10}^{\circ}$, — 25 + 20 $\frac{1}{10}^{\circ}$ C.	5	—
186	— in oak frames	5	9
187	— in brass-frames	7	3
188	Upright thermometer , bronze imitation on foot	3	6
189	— for hanging up	3	—
190	— for hanging up	4	—
191	— on foot	5	—
192	— for hanging up	2	6
193	— with support	3	—
194	— for hanging up	2	6
195	— with support	2	9
196	— on foot	3	6
197	— on foot	4	6
198	— with support	2	6
199	— " "	3	3
200	— for hanging up	2	9
201	— with support	3	6
202	— on foot	4	—
203	— milkglass-scale, polished wood frame, on foot, 20 cm	2	6
204	— milkglass-scale, polished wood frame, on foot, 15 cm	2	4



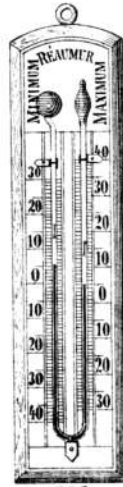
No.	Description	each	
		s.	d.
205	Thermometers for adjusting, ivory-scale, 38 mm	—	4 ¹ / ₂
	rectangular nooks, 51 × 13 mm	—	5
	76 × 13 mm	—	6
	76 × 16 mm	—	6 ¹ / ₂
	102 mm	—	10
	127 mm	1	1
206	— the inferior nooks rectangular, the superior round, 63 × 13 mm	—	6
207	— porcelain, 121 × 32 mm	—	7
208	— silvered brass-scale, rectangular nooks, 38 mm	12	—
	51 mm	14	—
	63 mm	15	—
	76 mm	16	—
	89 mm	17	—
	102 mm	21	—
	114 mm	22	—
127 mm	23	—	
209	— top smaller than the inferior part,		
	121 127 mm		
	s. —,7 —,8		
210	— round form, 44 mm diameter	—	4
211	— the inferior nooks rectangular, the superior round	—	5



212.



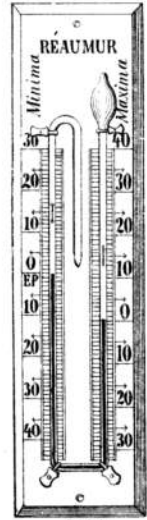
215.



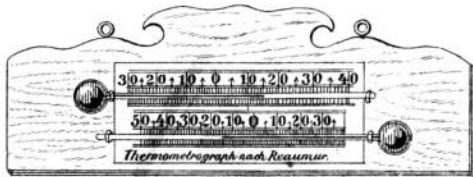
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227.

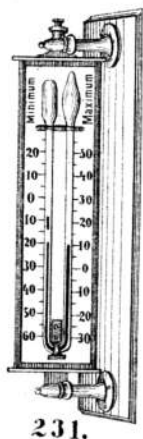


229.



222.

№		each	
		s.	d.
212	thermometers for adjusting, wood pulp, 51 mm	—	3
	top smaller than the inferior part, 83 mm	—	3
213	— the inferior nooks rectangular, 120 × 25 mm	—	4
213a	— the superior round, 170 × 32 mm	—	5
214	— round form	—	4
214a	meteorological thermometers, a) Maxima thermometers, milkglass-scale	3	—
	b) Minima " "	2	3
	c) Station " "	5	10
Maximum- and Minimum-thermometers			
215	on enamelled glass, with facet and fine holder	12	6
216	— with plain holder	10	—
217	— without facet, with fine holder	11	6
218	— without facet, with plain holder	9	6
219	— milkglass-scale, with fine facet and fine holder	11	6
220	— with plain holder	9	6
221	— milkglass-scale, ordinary shape, with holder	9	—
222	— on polished wood	4	6
223	— on japanned wood	3	—
224	— milkglass-scale, ordinary shape, for hanging up	5	6
225	Six's thermometrographs, with mark, complete, with magnet, on polished boxwood-imitation, 30 × 7 cm	4	—
226	— black polished	4	—
227	— on boxwood-imitation, in tin-case, 30 cm	4	6
228	— milkglass-scale, 30 cm	5	3
229	— graduated on enamelled glass, plain facet, white covered, 25 cm	7	6
230	— 30 cm	8	6



231.



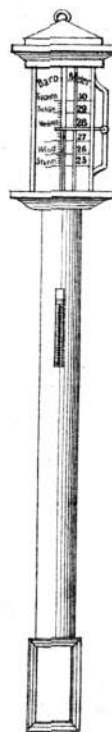
234.



238.

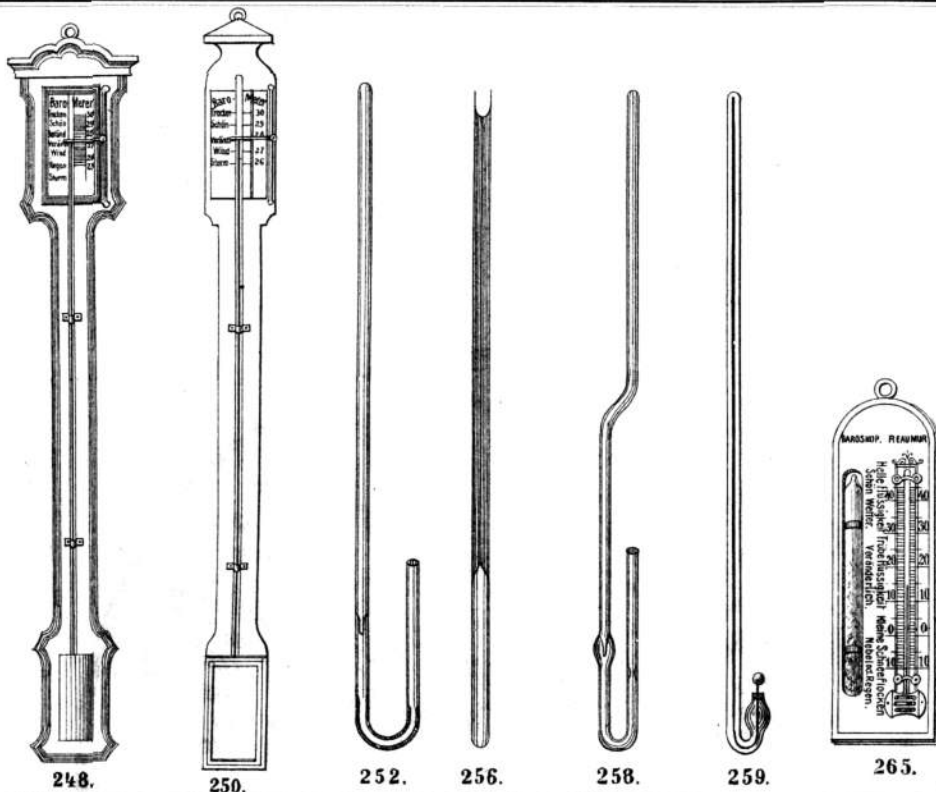


233.



245.

No.	Description	each	
		s.	d.
231	Six's thermometrograph , on enamelled glass-scale, with holder and magnet, on oak-wood	16	6
232	— on stem, in oakframe	8	3
233	Maximum-thermometers , graduated on milkglass- or enamelled-glass, for hanging up	3	6
234	— milkglass-scale, in polished wood	2	9
235	— on japanned wood	1	9
236	— on stem,		
	230 400 600° F.		
	s. 4,5 5,— 5,6		
237	— + 200 + 600° F., on stem	8	9
238	Minimum-thermometers , graduated on milkglass or enamelled-glass, for hanging up	3	4
239	— milkglass-scale on polished wood	2	5
240	— on japanned wood	1	3
Barometers			
241	syphon-shape, for measuring altitudes, all glass, with sliding scale, with thermometer, in leather-case	40	—
242	— for Bunsen's Gasometry, double engraved, graduation in millimeters, in leather-case	20	—
242a	— on polished wood	15	—
243	— on mahogany with silvered brass-scale, graduated in millimeters, sliding, with Nonius-Vernier	30	—
244	— the graduated tube only, filled with mercury and boiled	10	—
245	— on mahogany or nut-tree, covered tube, with thermometer	11	6



№.	Description	each	
		s.	d.
246	Barometers on mahogany, without thermometer	10	6
247	— on fine decorated wood, milkglass-scale	15	—
248	— on mahogany or nut-tree, with cornice, milkglass-scale	12	—
249	— on cherry-tree, milkglass-scale and thermometer	6	—
250	— without thermometer	5	6
251	Barometer-tubes , for barometers in syphon-shape, insmolten top, filled and boiled	5	3
252	— not filled	1	3
253	— without insmolten top, filled and boiled	4	6
254	— for sea-barometers, with insmolten top, filled and boiled	4	—
255	— not filled	1	3
256	— without insmolten top, filled	3	—
257	— " " " not filled	—	9
258	— for Bunsen's gasometry, graduated in millimeters, not filled	3	—
259	— common kind, with bulb, filled and boiled		
	35 50 75 100 125 150 200 250 300 cm		
	s. —,11 1,— 1,3 1,6 1,10 2,— 2,9 3,4 3,9		
260	Barometer-tubes , not filled, strong glass	—	5
261	— thinner	—	4
262	Baroscopes or weatherglasses , with milkglass-scale and thermometer	5	9
263	— without thermometer	4	9
264	— on japanned wood, with thermometer	1	9
265	Storm-glasses with thermometer and directions,		
	15 20 cm		
	s. —,6 —,9		