

*Cooke (J.) & Sons*

*6326*

MESSRS.

# T. COOKE & SONS'

(LIMITED)

## Illustrated Catalogue

(HOME EDITION)

OF

# Surveying Instruments,

ETC.

Separate Catalogues of Astronomical and Drawing Instruments,  
and Drawing Paper may be had on application.

1907.



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5257

## NOTE.

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*THE prices quoted in this Catalogue are for goods delivered at Buckingham Works, York, unless the goods are in stock at the London Office of the Company, No. 14, Great Chapel Street, Westminster, in which case delivery can be taken there if preferred.*

*Should any article ordered be out of stock, it will be supplied with the least possible delay.*

*Messrs. Cooke & Sons have had considerable experience in supplying complete outfits to Engineers, Surveyors, Explorers, Prospectors, Miners, and others, and will be pleased to advise any such as to the choice of the most suitable instruments and apparatus for any special purpose. They can, and do frequently, supply a large variety of other goods in addition to those here catalogued, and will obtain to order anything that may be required on receipt of full particulars.*

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*Messrs. Cooke & Sons employ at their South African Branch, 18, Strand Street, Cape Town, a staff of workmen specially trained in their factory at York, England, capable of effecting Repairs and Adjustments to any class of instrument in the shortest possible time.*

In consequence of the War Office Regulations, which prohibit the sale of Government Pattern Instruments without permission, we neither illustrate nor describe the different patterns of Rangefinders, Mekometers, Heliographs, Gun-sights, etc., made by us. We are prepared, however, to apply for the necessary permission, and to quote for any of these instruments, on application.

T. COOKE & SONS, LTD.

**ANEROID BAROMETERS.**

Fig. 70.



Fig. 71.

No.		£	s.	d.
478.	<b>WATCH SIZE ANEROID</b> , $1\frac{3}{4}$ -in. dia., gilt or nickel case, silvered-metal dial, with revolving altitude scale to 8,000 feet, in snap morocco case ... ..	1	1	0
479.	DITTO better quality movement ... ..	1	10	0
480.	If compensated for temperature ... .. extra	0	3	0
481.	DITTO best quality, 5,000 feet to 10,000 feet, compensated	2	8	0
482.	DITTO in hunter case... ..	2	13	0
483.	DITTO as No. 481, with raised dial and thermometer ...	2	16	0
484.	DITTO but with small Singer pearl compass and thermometer on reverse ... ..	3	12	0
485.	DITTO but with full size bar needle, or Singer pearl compass on reverse ... ..	3	12	0
486.	Keyless action to any of the last five ... ..	0	7	0
487.	DITTO as No. 481, but in hall marked silver case ...	3	17	0
488.	DITTO in silver hunter case ... ..	4	15	0
489.	Keyless action to either of the last two ... ..	0	12	0
490.	DITTO as No. 487, but with keyless action and small Singer pearl compass and thermometer on reverse ...	7	8	0
491.	DITTO but with full size bar needle or Singer pearl compass on reverse ... ..	7	8	0
492.	DITTO as No. 481, but with keyless action, in 9-ct. gold case and outer morocco case ... ..	9	0	0
	$1\frac{3}{4}$ -in. dia.	10	0	0
493.	DITTO in 15-ct. gold case ... ..	11	0	0
	$1\frac{3}{4}$ -in. dia.	13	0	0

LONDON, YORK AND CAPE TOWN.

**Aneroid Barometers.**



Fig. 72.



Fig. 73.

No.		£ s. d.
496.	<b>POCKET SIZE ANEROID</b> , 2½-in. dia., gilt or nickel case, silvered metal dial, compensated, with weather range only, curved thermometer, in snap morocco case ... ..	2 12 0
497.	<b>DITTO</b> Watch form, Geographical Society's pattern, with revolving altitude scale, 5,000 feet to 10,000 feet ... ..	2 12 0
498.	<b>DITTO</b> with raised dial and thermometer ... ..	3 0 0
499.	Keyless action to either of the last two ... ..	0 8 0
500.	Full size bar needle or Singer pearl compass on reverse of any of the above ... ..	1 6 0
501.	Leather sling case in lieu of morocco ... ..	0 6 0



Fig. 74.

**Military-Engineering, and Surveying Aneroid.**

LONDON, YORK AND CAPE TOWN.

**Aneroid Barometers.**

**BEST QUALITY CYLINDRICAL ANEROID**, in bright brass or bronzed metal case, compensated, silvered-metal dial with fixed or revolving altitude scale, 5,000 feet to 10,000 feet, in morocco case:—

505.		3-in. dia.	...	3	12	0	
506.		4-in. dia.	...	3	16	0	
507.		5-in. dia.	...	4	0	0	
508.	Ditto	with raised dial and thermometer,	3-in. dia.	...	3	18	0
509.			4-in. dia.	...	4	2	0
510.			5-in. dia.	...	4	6	0
511.	Magnifying Lens to any of the above	...	...	...	0	7	6
512.	Aluminium case in lieu of brass or bronze:—						
		3-in., 16/-	4-in., 20/-	5-in., 24/-			
513.	Leather sling case, in lieu of morocco:—						
		3-in., 6/-	4-in., 7/6	5-in., 9/-			

All the above Aneroids are priced with altitude scales 5,000 feet to 10,000 feet, except where otherwise stated. Above 10,000 feet, every 5,000 feet will be charged 7/6 extra, and below 5,000 feet every 1,000 feet will be charged 5/- extra.



- No. *Fig. 75.*
515. **SPECIAL SURVEYING or MINING ANEROID**, in stout bronzed metal case, 5-in. dia., with silvered metal dial. Fixed altitude scale, graduated to 20 feet and reading by a vernier to single feet. Circle divided as desired, 5,000 feet to 10,000 feet ascent, or 4,000 feet ascent and 2,000 feet descent. Rackwork adjustment to vernier and rotating magnifier. In leather sling case ... .. £7 10s. od.  
Altitude scale above 10,000 feet ascent, 10/- extra for every 5,000 feet.  
Altitude scale below 5,000 feet ascent, 5/- extra for every 1,000 feet.
516. Aluminium case to above, in lieu of bronzed metal case, 30/- extra.
517. **WATKIN'S PATENT MOUNTAIN ANEROID**, which can be kept out of gear when not in use and is only put into action when a reading is required to be taken, thus ensuring greater accuracy. Made in two sizes, 3-in. and 4½-in. dia., in aluminium case with sling leather outer case ... .. either size £6 6s. od.
518. Kew Certificate to any Aneroid 10/- and upwards, according to size.

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**Aneroid Barometers.**



Fig. 76.

521. **STANDARD ANEROID BAROMETER**, in heavy bronzed metal case, 8-in. dia., silvered-metal dial, hand engraved, scale range 28-in. to 31-in., or otherwise as desired, reading by a vernier to  $\frac{1}{1000}$ -in., compensated for temperature, certificate of comparison throughout the scale with a verified Kew standard accompanies each instrument. The mechanical movement is the most perfect obtainable, and is much more sensitive than a mercurial barometer, showing instantly the most minute variation of the atmospheric pressure ... £14 os. od.

This instrument is especially suitable for the Colonies and abroad owing to the difficulty of transporting standard mercurial barometers to out-of-the-way places.

**TRAVELLING ANEROIDS, ETC.**



Fig. 77.

523. **LIVINGSTONE SET**, comprising best-quality watch-size aneroid with full-size compass to match, and thermometer in centre, in best morocco case ... .. £4 2s. od.  
 524. **DITTO** of cheaper quality and without thermometer ... .. £2 12s. od.

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**Travelling Aneroids etc.**

525. **DOUBLE-OPENING CASE**, comprising best quality watch-size aneroid in morocco case, with small Singer pearl compass and thermometer in lid ... .. £3 18s. od.
526. **WATCH-FORM ANEROID**, 2½-in. dia., in nickel case with enamel dial, in morocco case, to stand or hang ... .. £1 9s. od.

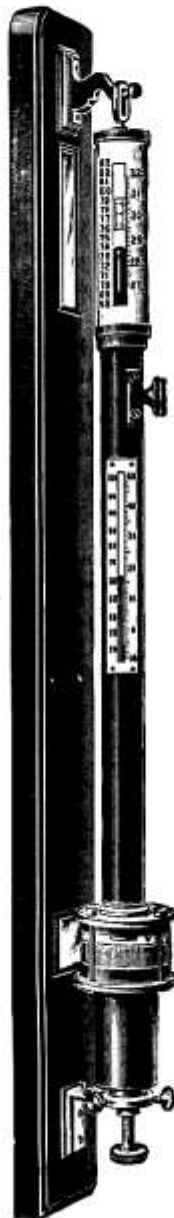


Fig. 78.

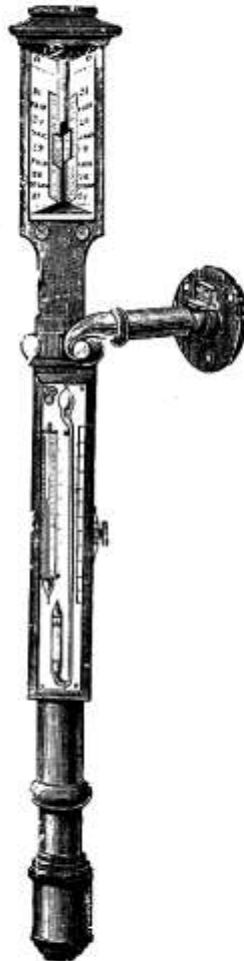


Fig. 79.

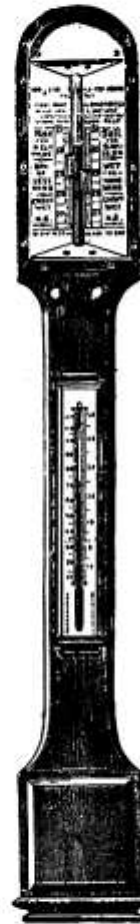


Fig. 80.

529. **STANDARD MERCURIAL BAROMETER**, on Fortin's principle, bore 0.5-in. dia., with thermometer, opal glass reflectors and adjusting screws at base. Mounted on a mahogany board, with Kew certificate. £11 os. od.
530. **DITTO** as above, but 0.3-in. bore and without Kew certificate ... .. £7 10s. od.

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**Mercurial Barometers.**

- 531. **GLASS CASE** for Nos. 529 and 530, extra ... .. £2 5s. od.
- 532. **DITTO** best quality, ebonised mahogany, plate glass .. £4 os. od.
- 533. **STANDARD MERCURIAL BAROMETER**, student's pattern, bore 0.25-in., without thermometer ... .. £3 10s. od.  
Other sizes and descriptions to order.
- 534. **MARINE MERCURIAL BAROMETER**, Board-of-Trade pattern, bronzed metal frame, with thermometer. Fig. 79 ... £4 10s. od.
- 535. **DITTO** round or square top frame, with one or two verniers and thermometer ... .. £2 4s. od. to £2 10s. od.
- 536. **DITTO** with Sympiesometer ... .. £3 17s. od. to £5 os. od.
- 537. **PEDIMENT MERCURIAL BAROMETER**, in oak frame, with thermometer. Fig. 80 ... .. £3 os. od. to £6 os. od.
- 538. **DITTO** in carved oak frame ... .. £6 os. od. to £10 os. od.

**HALL BAROMETERS.**



Fig. 81.



Fig. 82.

LONDON, YORK AND CAPE TOWN.

**Barometers.**

No.		5-in.	6-in.	8-in.
541.	<b>CARVED OAK FRAME PENDANT BAROMETER,</b> with closed porcelain dial and thermometer, in a number of patterns ... ..	24/-	28/-	33/-
542.	DITTO of better quality and finish...	33/-	37/-	43/-
543.	DITTO with open face, visible works ... ..	40/-	44/-	50/-
544.	DITTO with silvered-metal dial and thermometer scale, best engraved ... ..	42/-	50/-	60/-
545.	DITTO in massive carved oak frame ... ..	48/-	66/- and upwards.	90/-
546.	INLAID SOLID MAHOGANY DO. ... ..	47/-	58/- and upwards.	73/-



Fig. 83.



Fig. 84.

No.		5-in.	6-in.	8-in.
547.	<b>CARVED OAK ROUND FRAME ANEROID,</b> with closed porcelain dial ... ..	14/-	17/-	22/-
548.	DITTO of better quality and finish...	22/-	27/-	32/-
549.	DITTO with open face, visible works ... ..	28/-	33/-	38/-
550.	DITTO with silvered-metal dial, best engraved ... ..	30/-	38/-	46/-

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**Barometers.**



Fig. 85.

553. **DITTO** in massive carved oak frame, with best-quality movement, compensated for temperature, and thermometer.  
 5-in., 42/- to 55/-; 6-in., 50/- to 62/-; 8-in., 58/- to 70/-
554. **STAND FRAME CARVED OAK ANEROID**, with porcelain dial. 23/- to 44/-
555. **DITTO** with silvered-metal dial, best engraved ... 30/- to 60/-

**Hall Barometers of Cheaper Make.**

556. Carved and polished brown or black wood, round frame, open enamel dial, in several patterns ... 3½-in., 10/- 5-in., 17/-
557. Carved and polished brown or black wood, pendant pattern frame, open enamel dial, with opal scale thermometer, in several patterns  
 3½-in., 17/- 4½-in., 22/-
558. **BRASS CASE ANEROID**, with closed porcelain dial, in morocco case  
 5-in., 16/- 6-in., 24/-
559. **Ditto** with open porcelain or closed silvered-metal dial  
 5-in., 22/- 6-in., 30/-
560. **Ditto** with open silvered-metal dial 5-in., 28/- 6-in., 36/-
561. Curved thermometer to any of the above, 2/6 extra.
562. Any of the above with scale reading down to 22-in. and weather words arranged for an altitude of 6,400 feet :
- |                           |     |            |
|---------------------------|-----|------------|
| 5-in. porcelain dial      | ... | 4/- extra. |
| 6-in. do.                 | ... | 5/6 "      |
| 5-in. silvered-metal dial | ... | 7/- "      |
| 6-in. do.                 | ... | 10/- "     |

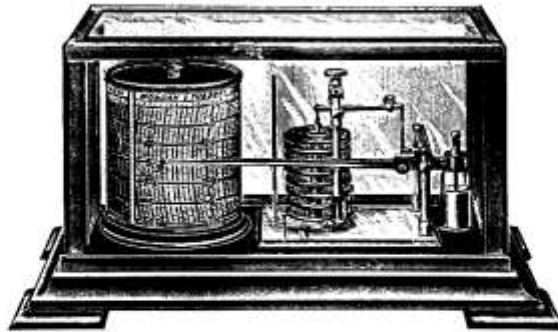
**Barographs.**

Fig. 87.

No.		£	s.	d.
564.	<b>SELF-RECORDING ANEROID BAROMETER</b> , a useful and reliable instrument of cheap make, in oak case with cover, and charts for one year ... ..	4	4	0
565.	<b>DITTO</b> of better quality, in ebonized case with glass shade cover ... ..	5	0	0
566.	<b>DITTO</b> with wood frame glass cover, in oak, mahogany or walnut. See Fig. 87... ..	6	0	0
567.	<b>DITTO</b> with bevelled plate-glass, and drawer with spaces for charts ... ..	7	0	0
				and upwards.
568.	<b>DITTO</b> but with auxiliary metal dial on which the present pressure is always shown ... ..	8	5	0
				and upwards.
569.	A special attachment with additional arm to record the temperature on the same drum in ink of a different colour can be fitted to any of the above at 40/- extra. Special charts are desirable, price 5/6 per set.			
570.	Self-Recording Aneroid for the pocket, a very handy little instrument for travellers, explorers and balloonists, with set of charts £7 10s. od.			

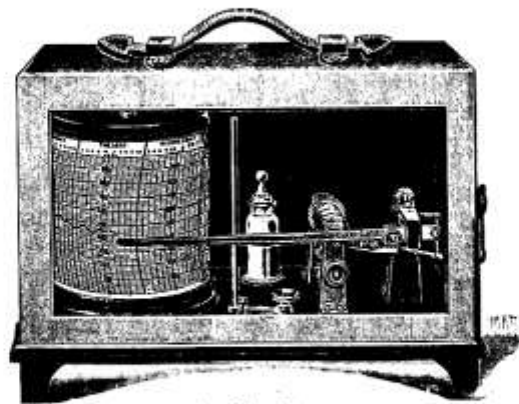


Fig. 88.

571.	<b>SELF-RECORDING THERMOMETER</b> , in hinged mahogany case with glass front, 20° to 100° Fahrenheit ...	6	0	0
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LONDON, YORK AND CAPE TOWN.

**Thermographs.**

No.		<i>£ s. d.</i>
572.	<b>SELF-RECORDING THERMOMETER</b> , in copper case, with hinged cover and handle, as Fig. 88... ..	6 10 0
573.	<b>DITTO</b> with wood frame glass cover, in oak, mahogany or walnut ... ..	6 5 0
574.	<b>DITTO</b> with extra tall clock drum, zero to 120° Fahrenheit or otherwise ... ..	6 15 0
575.	<b>DITTO</b> but with bevelled plate glass and drawer, with spaces for charts ... ..	7 15 0
576.	<b>SPECIAL REFRIGERATION THERMOGRAPH</b> , scale 0° to 70°, with extra large iron base, japanned metal cover and large drum, with 21 days' clock ... ..	12 0 0

All the above are supplied with bottle of ink and set of charts.

Extra Charts for any of the above, one year's supply, 5/6

**ANEMOMETERS.**



*Fig. 89.*

**BIRAM'S ANEMOMETER**, for recording the current of air in mines, sewers, furnaces, etc., with disconnecter, packed in a wood case.

					<i>£ s. d.</i>
581.	12-in. dia.,	reading to 10,000,000 ft.,	6 dials...	... ..	6 0 0
582.	6-in. "	" "	" "	... ..	4 0 0
583.	6-in. "	" 100,000	4 dials...	... ..	3 5 0
584.	6-in. "	" 1,000	2 dials...	... ..	2 18 0
585.	4-in. "	" "	" "	... ..	2 12 0

**Anemometers.**

Fig. 90.

586. **BIRAM'S ANEMOMETER**, 2-in. dia., reading to 1,000 ft., special watch form, with disconnector, two dials ... 4 4 0
587. **DAVIS'S PATENT SELF-TIMING ANEMOMETER**, dispenses with the use of a watch, in leather case ... 5 0 0

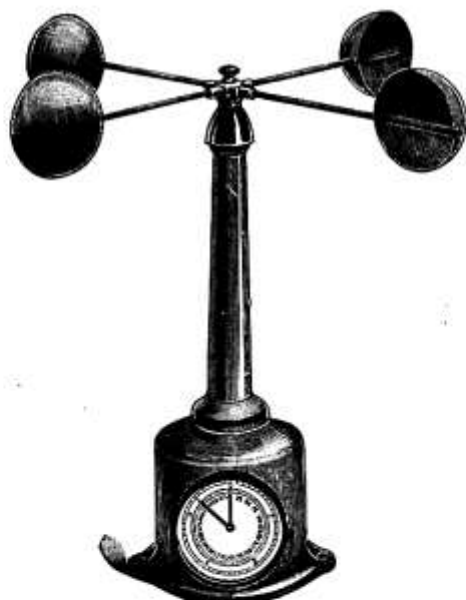


Fig. 94.

588. **ROBINSON'S ANEMOMETER**, with 3-in. cups, reading to 500 miles, zero setting ... 4 16 0
589. **ROBINSON'S RECORDING ANEMOMETER**, in japanned metal case, range of chart 25 miles, recording 8 days, enamelled dial registering 500 miles, outer circle divided to 5 miles and sub-divided to  $\frac{1}{8}$ -ths, zero setting ... 21 0 0
- Kew pattern recording anemometers of large size to order.

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Fig. 91.

- |      |  |   |    |   |
|------|--|---|----|---|
| 590. | <b>PORTABLE AIR METER</b> , reading to 10,000,000 feet, with<br>disconnecter, 6 dials ... .. | 3 | 3  | 0 |
| 591. | <b>DITTO</b> to 10,000 feet, 4 dials... ..   | 3 | 0  | 0 |
| 592. | <b>DITTO</b> to 1,000 feet, 2 dials ... ..   | 2 | 15 | 0 |

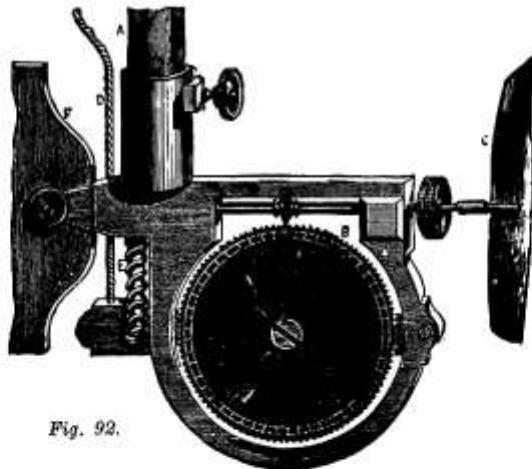


Fig. 92.

- |      |  |   |    |   |
|------|--|---|----|---|
| 593. | <b>CURRENT METER</b> , for use in reservoirs, rivers, or streams,<br>to show the rate of flow of the current or tide ... ..              | 6 | 0  | 0 |
| 594. | <b>TROCHEAMETER</b> , for registering the number of revolutions<br>of carriage wheels, etc., in copper case with leather<br>strap ... .. | 3 | 15 | 0 |
| 595. | <b>DITTO</b> of cheaper make ... ..  | 2 | 5  | 0 |
| 596. | <b>DITTO</b> of best make, with three wheels, reading to 50,000<br>revolutions ... ..  | 5 | 10 | 0 |
| 597. | <b>MILOMETER</b> , or mileage recorder, suitable for motor cars<br>and other vehicles, to 10,000 miles, in brass case ...                | 3 | 15 | 0 |
| 598. | <b>PERAMBULATOR</b> , with wheel 26-in. diameter, for measur-<br>ing roads, paths, etc., and showing miles, roths and rooths             | 8 | 10 | 0 |

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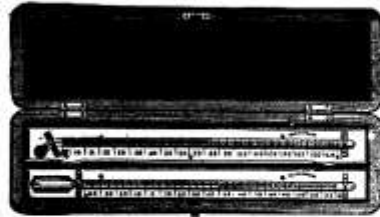
**THERMOMETERS—various.**

Fig. 98.

**LIVINGSTONE'S MAXIMUM & MINIMUM THERMOMETERS.**

	LENGTH.			
	8-in. s. d.	10-in. s. d.	12-in. s. d.	14-in. s. d.
630. Divided on the stem, on ivory or metal scales, in mahogany or morocco case, per pair ...	30 0	35 0	—	—



Fig. 99.

**SIX'S SELF-REGISTERING, MAXIMUM and MINIMUM THERMOMETERS.**

631. Opal glass scale, enamelled tube, in open-back white-japanned tin case, best make, with magnet ...	13 0	15 0	17 0	19 0
632. Zinc scale, in white-japanned tin case, with magnet... ..	8 0	10 0	12 0	14 0

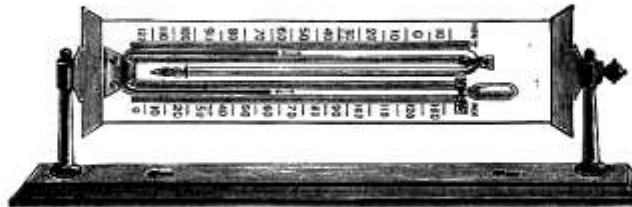


Fig. 100.

633. Opal glass scale, best grade, mounted on oak back with revolving bronzed brackets for windows ... ..	25 0	33 0	40 0	45 0
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LONDON, YORK AND CAPE TOWN.



**Thermometers—various.**

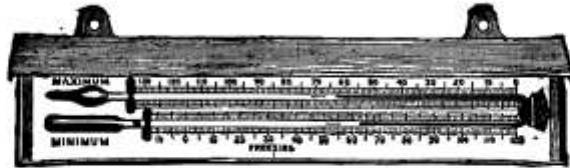


Fig. 101.

**DIMENUON SELF-REGISTERING MAXIMUM and MINIMUM THERMOMETERS.**

	LENGTH.			
	8-in. s. d.	10-in. s. d.	12-in. s. d.	14-in. s. d.
634. Opal glass scale in white-japanned tin case, best make, with magnet	12 0	15 0	18 0	21 0
635. Zinc scale in white-japanned tin case, with magnet... ..	8 0	11 0	14 0	17 0
636. <b>MAGNETS</b> , for Six's and Dimenuon thermometers, grooved—				
	2½-in., 8d. ; 3-in., 10d.			



Fig. 102.

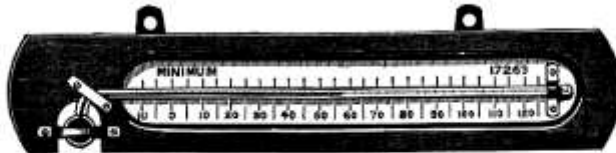


Fig. 103.

**STANDARD SELF-REGISTERING MAXIMUM or MINIMUM THERMOMETERS.**

640. Opal glass scale, engine-divided tube, in oak frame, each ...	—	16 0	20 0	—
641. Kew certificates, 3/- extra.				

*Goods forwarded at Purchaser's Risk.*

**THERMOMETERS—various.**

No.		8-in.	10-in.	12-in.
644.	Brewers, copper ... ..	3/-	4/-	5/-
645.	Brass, sugar boiling ... ..	—	—	7/6
646.	Zinc minimum, suitable for cold storage ...	3/-	4/-	—
647.	Boxwood Ditto ... ..	1/6	—	—
648.	Incubator ... ..	2/6	—	—
651.	Household, in boxwood, porcelain or metal, 1/- and upwards.			

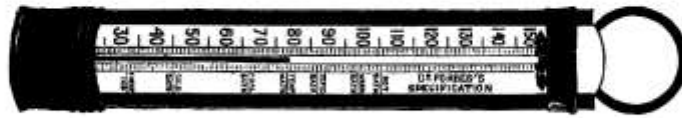


Fig. 104.



Fig. 105.

652. Bath ; porcelain, 3/6 ; japanned tin case, 2/- to 4/- ; whitewood, 1/-  
 653. School or public building, bold porcelain, 4/6 and upwards.

Chemical Thermometers, with engine divided tubes, best quality, in turned mahogany boxes :—

654.	8-in. to 220° F, or corresponding C	...	...	...	4 6
655.	10-in. ,, 220° F	..	..	..	5 6
656.	12-in. ,, 300° F	..	..	..	6 6
657.	12-in. ,, 400° F	..	..	..	7 6
658.	14-in. ,, 500° F	..	..	..	8 6
659.	14-in. ,, 600° F	..	..	..	9 6
660.	16-in. ,, 700° F	..	..	..	10 6

Ditto of cheaper quality, engraved stems, turned cases :—

663.	12-in. to 220° F or corresponding C	...	...	...	3 0
664.	12-in. ,, 300° F	..	..	..	3 6
665.	14-in. ,, 400° F	..	..	..	4 0
666.	16-in. ,, 700° F	..	..	..	4 6
667.	Armoured Cases for chemical thermometers, any length, each	...	...	...	9 0

668. Ivory tusk Thermometers :—6-in., 22/- ; 7-in., 28/- ; 8-in., 42/-  
 669. Silver-mounted Thermometers, to hang or stand :—  
 4-in., 22/- ; 6-in., 26/- to 35/- ; 8-in., 40/-  
 670. Hicks' patent alarm Thermometer, including bell, battery, indicating board, etc. ... .. £2 10s. od.

LONDON, YORK AND CAPE TOWN.

**CLINICAL THERMOMETERS.**



Fig. 107.



Fig. 108.

		2-min.	1-min.	½-min.
		s. d.	s. d.	s. d.
674.	4-in., plain tube, in nickel case ... ..	2 6	3 0	3 6
675.	4-in., lens front „ „ ... ..	3 0	4 0	5 0

The above are provided with our own certificates, which we guarantee are within one-tenth degree of a corresponding certificate issued by Kew Observatory.

The same thermometers without certificates, 6d. each less.

676.	Hicks' patent lens front, with his own certificate	4 6	5 6	6 6
677.	Hicks' "Facilis," easy to shake down, with lens front. Fig. 107 ... ..	5 0	6 0	7 0
678.	Ditto with plain front ... ..	2 6	3 6	4 6
679.	Veterinary thermometers, with normal temperature for various animals, marked on stem ... ..			4/- to 6/-.

A few clinicals of different patterns, with Kew certificates, are kept in stock.

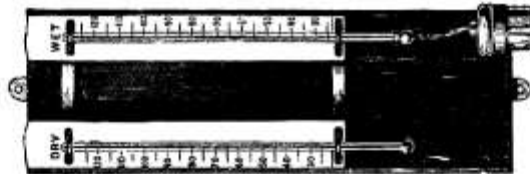


Fig. 109.

No.		£	s.	d.
682.	<b>MASON'S WET AND DRY BULB HYGROMETER</b> , opal scales, engine-divided tubes, on oak board, small, 25/-; medium, 30/-; large ... ..	1	15	0

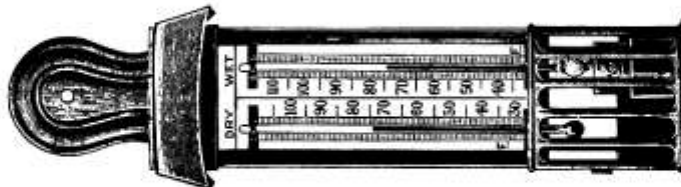


Fig. 110.

683.	<b>ADMIRALTY PATTERN HYGROMETER</b> , zinc, well protected ... ..	0	15	0
684.	Kew Certificates for Hygrometers ... ..	0	6	0
685.	<b>HYSOMETER</b> , complete, portable, of best construction, with one thermometer, divided to 1/5 degree ... ..	2	15	0
686.	<b>Extra Thermometers</b> for use with above, in metal cases ... ..	0	15	0

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**Meteorological Instruments, etc.**


Fig. 111.



Fig. 112.

	Copper with brass ring.	Japanned tin with brass ring.
	£ s. d.	£ s. d.
689. <b>GLAISHER'S</b> Rain Guage, with graduated glass measure complete, 8-in. diameter ...	1 10 0	0 18 0
690. Ditto in galvanized iron, 22/-		
691. <b>SYMONS'</b> ditto 5-in. diameter ...	0 18 0	0 10 0
692. <b>HOWARD'S</b> ditto with flint-glass bottle and graduated measure, 5-in. diameter ...	0 12 0	0 9 0
693. <b>HOWARD'S</b> Pedestal Rain Guage, with graduated tube, showing amount of rainfall without using a measure, 12-in. diameter ...	3 0 0	1 15 0
694. <b>GLAISHER'S</b> Tropical Rain Guage, extra large size, with tap and graduated measure ...	3 0 0	—
695. Measuring Glasses for rain guages, 5-in., 2/-; 8-in., 3/-		



Fig. 113.

	£ s. d.
698. <b>REGISTERING RAIN GAUGE</b> , zero setting, showing $\frac{1}{100}$ -in. to 12-in. fall, in square japanned tin case, 10-in. × 8-in.	3 18 0
699. Ditto in copper case...	4 12 0

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**Meteorological Instruments, etc.**



Fig. 114.

- |      |  |     |     |     |     |     |     |    |    |   |
|------|--|-----|-----|-----|-----|-----|-----|----|----|---|
| 701. | <b>RECORDING RAIN GAUGE</b> , runs for a week, showing rainfall in inches and $\frac{1}{100}$ -ths at the exact time at which it occurred. With 8-in. funnel and including charts for one year | ... | ... | ... | ... | ... | ... | 12 | 10 | 0 |
| 702. | Extra charts, per year's supply  | ... | ... | ... | ... | ... | ... | 0  | 6  | 0 |
| 703. | Rainfall Charts, per dozen   | ... | ... | ... | ... | ... | ... | 0  | 5  | 0 |

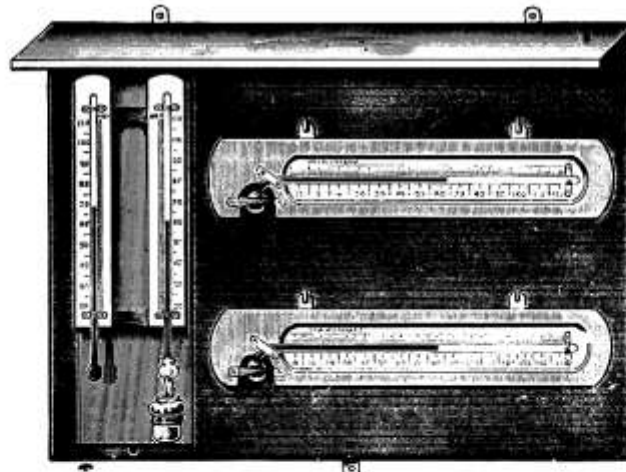


Fig. 115.

- |      |  |     |     |     |     |     |     |      |      |     |
|------|--|-----|-----|-----|-----|-----|-----|------|------|-----|
| 707. | <b>METEOROLOGICAL SET</b> , consisting of standard maximum and minimum thermometers and hygrometer, mounted on oak board, with Kew certificates  | ... | ... | ... | ... | ... | ... | £4   | 15s. | od. |
| 708. | Ditto smaller size, without Kew certificates...  | ... | ... | ... | ... | ... | ... | £3   | 5s.  | od. |
| 709. | Ditto consisting of 5-in. aneroid barometer, Mason's hygrometer, Six's thermometer, 8-in. boxwood thermometer, 5-in. japanned Howard's rain guage with glass measure, and record calendar for 12 months. Packed in a stained deal case | ... | ... | ... | ... | ... | ... | £2   | 0s.  | od. |
| 710. | Meteorological pads, for one year  | ... | ... | ... | ... | ... | ... | each | 1s.  | od. |

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**Meteorological Instruments, etc.**

Fig. 116.

No.		£	s.	d.
713.	<b>UNIVERSAL SUNSHINE RECORDER</b> , with cards for one year ... ..	13	0	0
714.	DITTO with metal-dial bar needle compass in base ...	13	10	0
715.	<b>Additional Cards</b> for above, sufficient for one year, viz.: 150 summer solstice, 150 winter solstice, and 100 equinoctial ... ..	2	0	0



Fig. 118.

716.	<b>HYDROMETER</b> , glass, for testing spirits, paper scale ...	0	2	6
717.	DITTO ivory scale ... ..	0	3	0

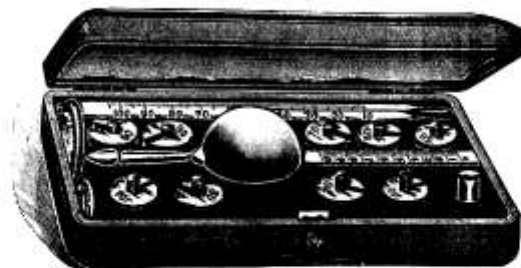


Fig. 119.

<b>SIKES' HYDROMETER</b> , brass, complete in case, with measure and book of instructions:—				
718.	Pocket size, as illustrated ... ..	3	0	0
719.	Excise pattern ... ..	2	16	0
720.	<b>COMPARATIVE SCALES</b> for ditto, each ... ..	0	4	0
721.	<b>SALINOMETER</b> , glass ... ..	0	6	6
722.	<b>ACCUMULATOR HYDROMETER</b> ... ..	0	2	6
723.	<b>PETROL</b> ... ..	0	2	6
724.	<b>LACTOMETER</b> ... ..	0	2	6

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