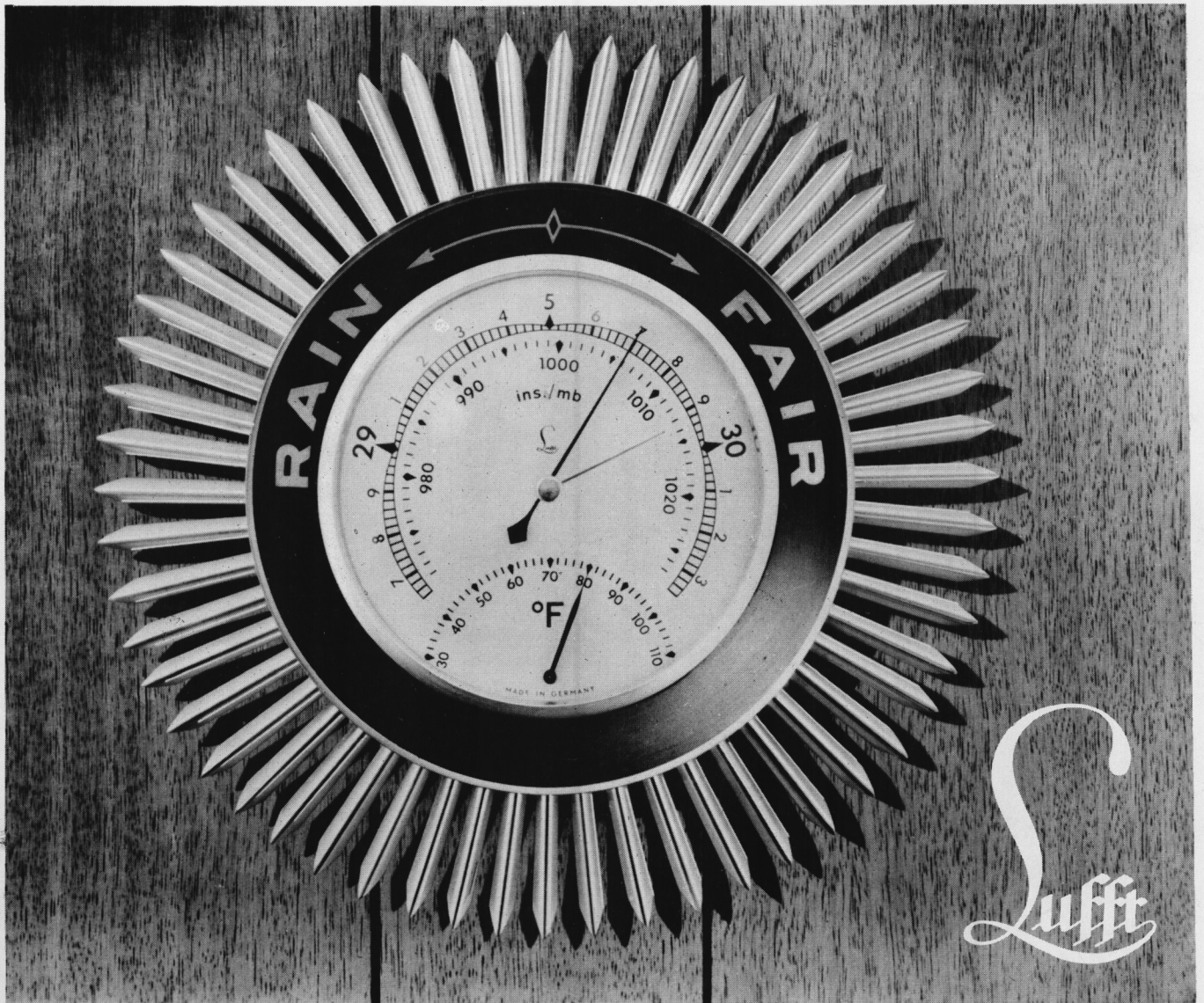


# WATROUS

Since 1869

*12/61 closed*

BAROMETERS  
THERMOMETERS  
HYGROMETERS  
NAUTICAL and  
SCIENTIFIC  
INSTRUMENTS



**WATROUS & COMPANY, INC.** NEW YORK 10, N. Y.

*Exclusive United States Agents for Lufft Instruments*

## FOREWORD

THERE IS OVER EIGHTY YEARS EXPERIENCE IN THE MANUFACTURE AND SELECTION OF THE INSTRUMENTS SHOWN IN THIS CATALOGUE.

SINCE OUR FIRM WAS ESTABLISHED IN 1869 IT HAS ALWAYS BEEN OUR POLICY TO OFFER ONLY MERCHANDISE OF THE HIGHEST QUALITY. THIS POLICY LED TO OUR ASSOCIATION WITH THE LUFFT FACTORY IN WESTERN GERMANY FOR WHOM WE HAVE BEEN THE EXCLUSIVE UNITED STATES AGENTS FOR MANY YEARS. THE LUFFT FACTORY HAS BEEN MANUFACTURING PRECISION INSTRUMENTS SINCE 1881, OVER EIGHTY YEARS, AND THEY HAVE A WORLD WIDE REPUTATION FOR INSTRUMENTS OF SUPERIOR QUALITY, ACCURACY AND STYLING.

EVERY INSTRUMENT IS FULLY GUARANTEED BY US. WE TEST AND SET EVERY INSTRUMENT PRIOR TO SHIPMENT AND WE ALSO MAINTAIN COMPLETE FACILITIES FOR THE SERVICING AND REPAIR OF ALL OUR INSTRUMENTS.

IT WOULD BE IMPOSSIBLE FOR US TO SHOW IN THIS CATALOGUE THE COMPLETE RANGE OF INSTRUMENTS WE CAN SUPPLY. THEREFORE, IF YOU DO NOT FIND WHAT YOU REQUIRE, SEND US YOUR INQUIRY AND WE WILL DO EVERYTHING POSSIBLE TO ASSIST YOU.

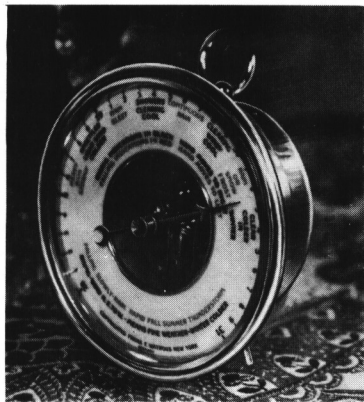
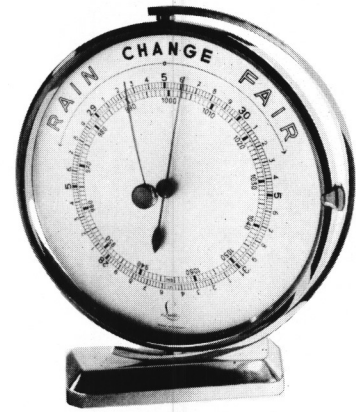
IF EVER YOU HAVE ANY PROPOSAL OR SUGGESTION THAT WILL ENABLE US TO SERVE YOU BETTER OR INCREASE YOUR SALE OF OUR MERCHANDISE, I'LL BE GLAD TO HEAR IT. WE ARE HERE TO SERVE YOU, AND EVERY FACILITY OF OUR ORGANIZATION IS AT YOUR CALL.

FRANK F. WATROUS  
PRESIDENT

**No. 976 — DESK BAROMETER**

The ideal instrument to enhance the mantle, desk, table or television. Attractive modern styled metal frame finished in rich satin brass. Silvered metal dial and precision Luft mechanism. The frame pivots so that it is vertically moveable to any position. Size: Dial 4½" — Height 5½" — Width 4¾".

RETAIL PRICE \$25.00



**No. 951 — TABLE BAROMETERS**

A reproduction of the old whaling skippers "glass" these instruments feature a gleaming red brass case with copyrighted open enamel dial and visible nickel polished movement. These instruments can either hang or stand and would make a worthy addition to any home, office or club.

Cat. No.  
951/85  
951/115

Dial  
3½"  
4½"

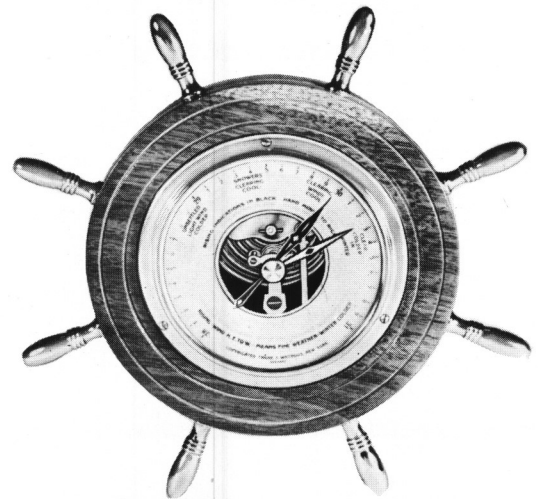
Height  
4"  
5"

Retail Price  
\$12.50  
\$16.50

**No. 5350PW — PILOT WHEEL BAROMETER  
Styled For The Sportsman**

Truly nautical, this instrument will appeal to the sportsman. It features a 3½" diameter open enamel forecaster dial with a visible nickel polished chain movement and polished chrome trim. The frame is genuine solid walnut, highly polished, with eight gleaming chrome spokes. This instrument has a combination easel and wall hanger so that it can either hang or stand. Overall diameter 8".

RETAIL PRICE \$13.50



**No. 977 — TABLE BAROMETER**

Beautifully styled to enhance any table, desk or mantle. The metal frame is finished in a gleaming royal blue with a two-tone matching barometer dial. Precision Luft mechanism for the utmost in accuracy. The ideal gift that is decorative and useful. Height 6½"

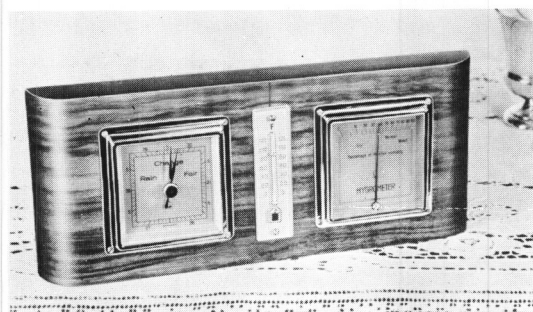
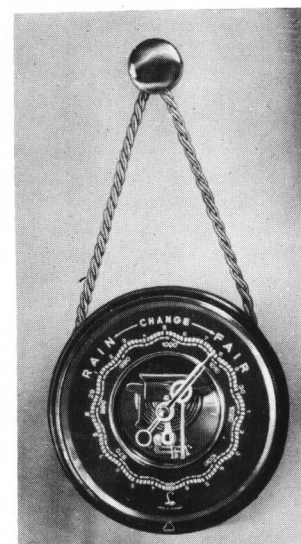
RETAIL PRICE \$26.50



**No. 835 — WALL BAROMETER**

A beautiful new Lufft instrument, rich and luxuriant. Hand rubbed walnut frame with the dial painted in white on the frame. Completely visible gleaming brass double vacuum chain mechanism with polished brass mountings. This smartly styled model is suspended by a golden braided cord with a polished brass rosette hanger. Size: Dial 6 $\frac{3}{4}$ " — Overall 7".

RETAIL PRICE \$35.00



**No. 701 — WEATHER SET**  
*Designed For The Wall*

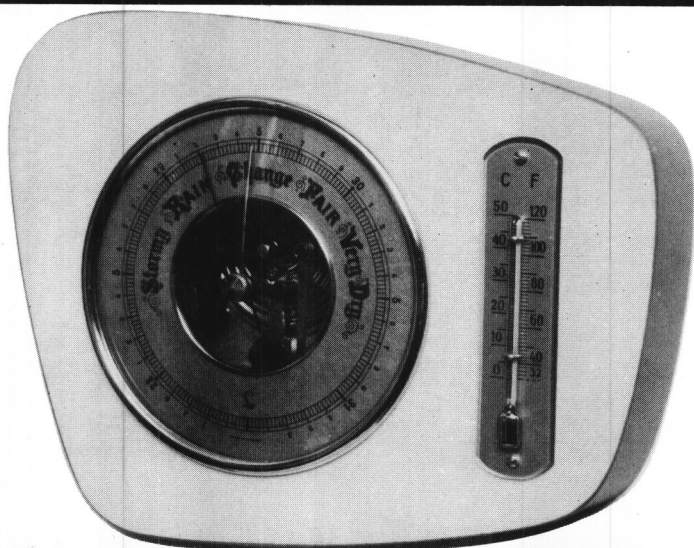
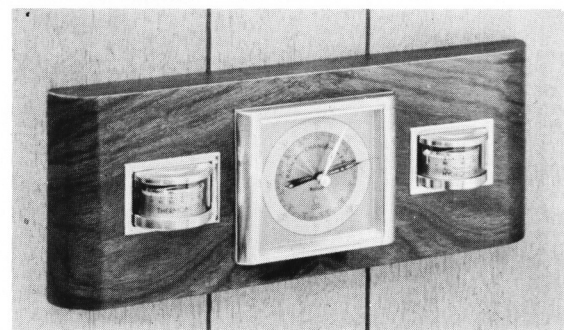
A moderately priced wall instrument that combines barometer, thermometer and "Durotherm" hygrometer mounted in a hand rubbed genuine Caucasian Walnut panel. The precision barometer and hygrometer have 2 $\frac{3}{4}$ " square silvered metal dials and polished chrome trim. The thermometer has a silvered glass scale with blue reading mercury tube. Height 3 $\frac{3}{4}$ " — Width 9".

RETAIL PRICE \$21.50

**No. 711 — WEATHER SET**

A permanent compliment to good taste, this smartly styled wall instrument will blend with any setting. This instrument combines barometer, thermometer and hygrometer mounted in a hand polished genuine caucasian walnut panel. The precision barometer has a 3" square gilt dial with raised numerals and gold colored trim. The thermometer and hygrometer have cylindrical gilt dials with gold colored trim and are semi-inlaid into the panel. This is truly an instrument of sheer beauty. Height: 4 $\frac{3}{4}$ " — width: 11 $\frac{3}{4}$ " — depth: 1 $\frac{1}{4}$ ".

RETAIL PRICE \$40.00



**No. 431 — BAROMETER COMBINATION**

A combination of precision barometer and thermometer mounted in a rounded maple finished frame with tan edging. The barometer has a 3 $\frac{1}{2}$ " diameter open gilded dial with visible polished mechanism and matching thermometer. Overall size: 7 $\frac{1}{2}$ " x 5".

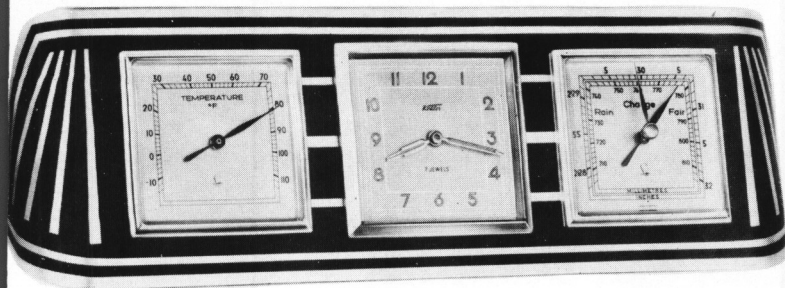
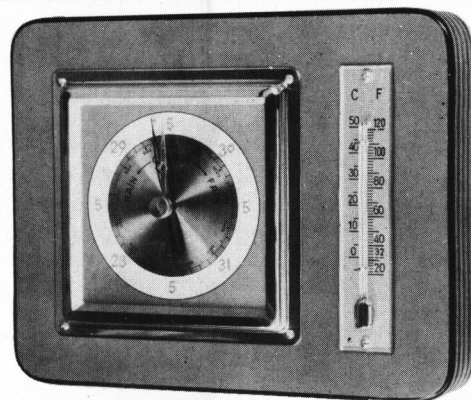
RETAIL PRICE \$20.00



**No. 538 — BAROMETER COMBINATION**

This attractive combination of barometer and thermometer is designed for the wall of todays modern home. The wood frame is finished in a bright Chinese red with a gleaming black edging. The precision barometer and thermometer are finished in copper and black. Overall size 6<sup>3</sup>/<sub>4</sub>" x 5<sup>1</sup>/<sub>4</sub>".

**RETAIL PRICE \$25.00**



**No. 773 — WEATHER SET**

An outstanding new combination for desk, table or mantle combining three precision instruments mounted in a beautiful tortoise shell and gold finished frame. The three precision instruments have 2<sup>1</sup>/<sub>2</sub>" square metal dials and gold trim. Overall size 9<sup>1</sup>/<sub>4</sub>" x 3<sup>1</sup>/<sub>4</sub>". Available in two different combinations of instruments.

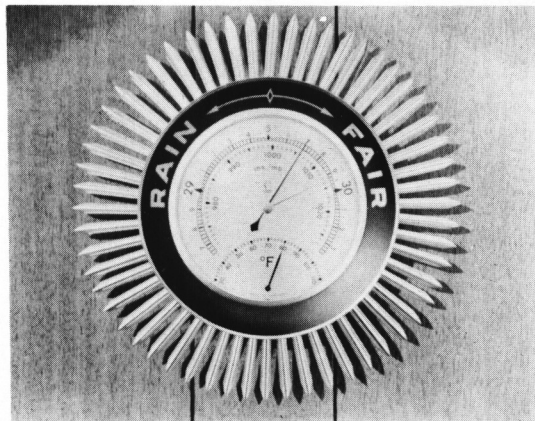
No. 773H — Barometer-Thermometer-Hygrometer Combination  
**RETAIL PRICE \$30.00**

No. 773U — Barometer-Thermometer-8 day, 7 jewel clock combination  
**RETAIL PRICE \$45.00 Plus Tax**

**No. 740/S3 WEATHER PILLAR**

A complete weather forecaster combining barometer, thermometer, hygrometer and compass (for determining wind direction). These instruments are mounted in an attractive black and gold finished metal pillar with an ebony finished wood base. An exceptional instrument which makes a gift that is different and useful. Height 7" — Diameter of Base 4<sup>3</sup>/<sub>4</sub>".

**RETAIL PRICE \$40.00**



**No. 555 — SUNBURST BAROMETER**

One of the most attractive new models from the Lufft factory. This striking instrument combines a barometer and thermometer on one dial mounted in a decorative metal sunburst frame. The barometer wording is placed on a brown patina concave rim with gilt trim and rays surrounding the instrument dial. The ornamental dial combines barometer and thermometer scale and is 5<sup>1</sup>/<sub>4</sub>" in diameter. This instrument features a double vacuum mechanism for the utmost in precision accuracy. Overall diameter: 10<sup>1</sup>/<sub>2</sub>".

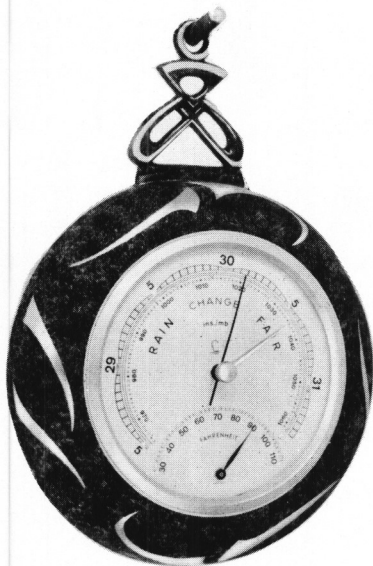
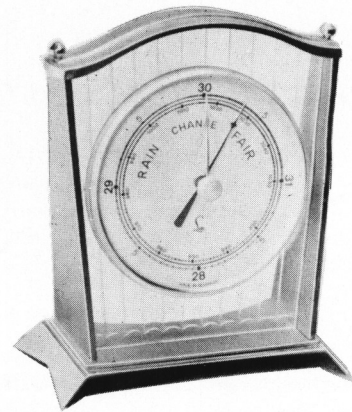
**RETAIL PRICE \$36.00**

**No. 980 — "HARP" BAROMETER**

A very attractive and decorative instrument styled in the form of a "harp". This instrument has a solid brass case with a clear plexi-glas center portion. The precision barometer has a 2 3/4" diameter dial with gilt polished raised figures. Height: 4 1/2", width: 3 1/2".

No. 980B Harp Barometer — \$20.00 Retail Price

No. 980T Harp Thermometer — \$16.00 Retail Price



**No. 557 WALL BAROMETER AND THERMOMETER**

This new model combines a precision barometer and thermometer with a single decorative dial 4" in diameter. The instruments are mounted into a modern metal frame, finished in a beautiful blue "Patina" finish with gold colored trim. Overall Diameter 5 3/4".

**RETAIL PRICE \$34.50**

**No. 3300 — "OLD MASTER" PENDANT BAROMETER**

These exceptional instruments are authentic reproductions of the popular Sheraton model antiques. They feature a precision compensated barometer mechanism with a silvered dial and black figures. The thermometer is "boxed-in" and has a silvered fahrenheit and centigrade scale with black figures. The case is a light shade of genuine solid mahogany with teakwood inlay.

No. 3300S—Frame: 38 1/2" Long—10 1/2" Wide  
8" Diameter Barometer Dial

**RETAIL PRICE \$95.00**

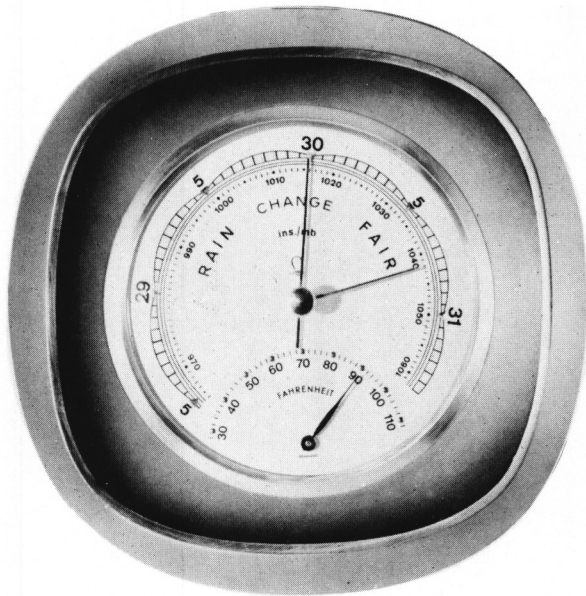


**No. 10A — AUTOMOBILE ALTIMETER**

A precision altimeter for mounting on the dashboard of cars. This instrument has a 2½" diameter engraved dial with polished chrome plated flange type case for flush mounting. The bezel with altimeter dial are movable, enabling the instrument to be set for starting altitude. The inner dial is a standard barometer dial so that the instrument can also be used for weather forecasting. Overall diameter of back flange 3½".

**No. 10A-1 — 0 to 9,000 ft. 50 foot division**  
**RETAIL PRICE \$43.50**

**No. 10A-2 — 0 to 16,000 ft. 100 foot division**  
**RETAIL PRICE \$43.50**



**No. 549 — WALL BAROMETER — THERMOMETER COMBINATION**

A very attractive modern styled instrument combining barometer and thermometer on a single dial. The precision instruments are mounted in a gold colored metal case with a concave antique green rim surrounding the decorative dial. Overall diameter: 6¼".

**RETAIL PRICE \$21.50**

**No. 981 — DESK BAROMETER**

An attractive new model finished in gleaming brass with decorative engraved black scrollwork surrounding the dial. The instrument is mounted on a satin finished brass triangular shaped base. Height: 3¼". Overall diameter 3".

**RETAIL PRICE \$15.00**

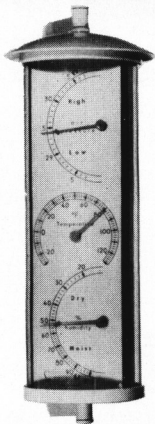
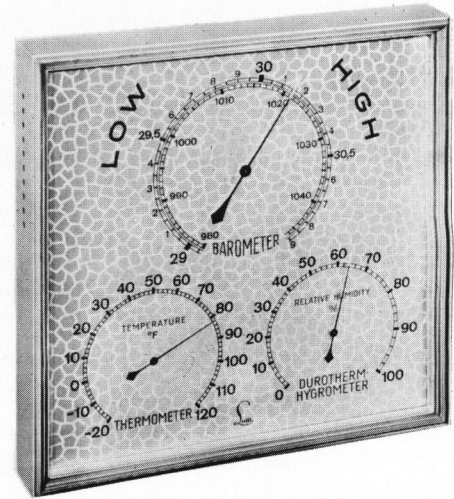




**No. 755 WEATHER STATION**

A very attractive precision instrument for the home or for display in public buildings. This outstanding model features a double vacuum barometer mechanism combined with a dial thermometer and the famous Luftt "Durotherm" Hygrometer. The instruments have a decorative silvered metal dial with black figures and they are mounted into a heavy solid brass case 11" square.

**RETAIL PRICE \$47.50**



**No. 705Z WINDOW WEATHER SET**

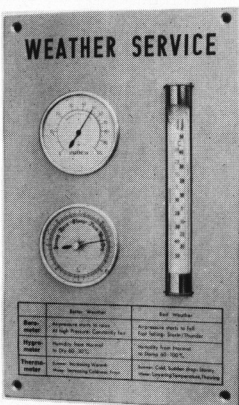
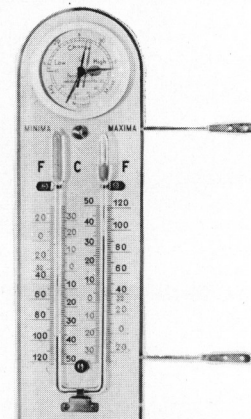
A complete miniature weather bureau for mounting outside the window. This outstanding instrument combines barometer, thermometer and hygrometer mounted in a weather proof cylindrical case with brackets for mounting on window frame, porch, etc. where it is visible from indoors. Height 7", Diameter 2".

**RETAIL PRICE \$22.50**

**No. 719B — WINDOW WEATHER SET**

A miniature weather bureau for outdoor use. This outstanding instrument combines a Maximum and Minimum Thermometer, hygrometer and barometer mounted on a heavy plate glass scale. The maximum and minimum thermometer has Fahrenheit scale with a range from -30° to +120° Fahrenheit. Temperatures below freezing are shown in red with temperatures above freezing shown in blue. The precision barometer and hygrometer are combined on a single dial 2 1/4" in diameter. Every instrument supplied with magnet and brackets. Height: 11", width: 3".

**RETAIL PRICE \$24.50**



**No. BK — WEATHER STATION**

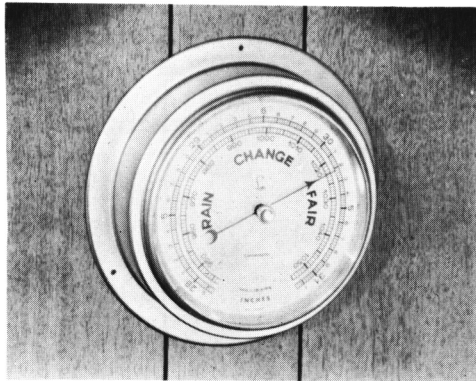
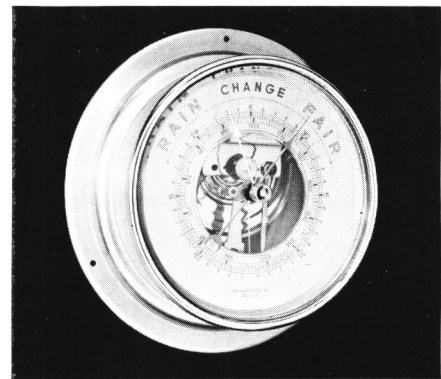
A very popular outdoor weather station suitable for gardens, resorts, factories, public buildings or advertising purposes. This weather station consists of a barometer, hygrometer and maximum - minimum thermometer mounted on a grey weather-proof aluminum frame. Complete weather forecasting information is painted in black on the aluminum frame. The precision barometer and hygrometer have silvered dials, 4" in diameter with black graduations. Supplied complete with magnet and decorative mounting screws. Height: 16", width: 10".

**RETAIL PRICE \$39.50**

**YACHT BAROMETERS**

Leaders in the line, these barometers, manufactured to our specifications, are built to withstand rugged marine use. They feature an open dial graduated in inches and millibars with a visible nickel polished precision movement. Available in satin finished brass or chrome case. The ideal instrument for those who desire an attractive precision instrument for a moderate price.

Cat. No.	Dial	Flange	Depth	Finish	Retail Price
957/85B	3½"	4¼"	1¾"	BRASS	\$13.50
957/85C	3½"	4¼"	1¾"	CHROME	\$15.00



**No. 920 — MARINE BAROMETER**

A precision instrument designed for marine use. This instrument has a precision double vacuum compensated mechanism with a heavy lacquered brass case. The silvered dial has black figures and is graduated in inches and millibars.

Specifications: Dial: 6¼" diameter; Flange: 8½" diameter; Depth: 2¾".

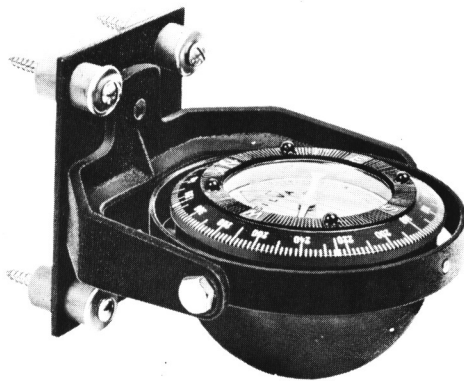
No. 920B—Polished brass — \$36.00 Retail Price

No. 920C—Polished chrome — \$37.50 Retail Price

**MARINE CLOCK**

A moderately priced precision clock suitable for engine room use. This clock features an eight-day non-striking jeweled movement with small second hand and twenty-four hour dial. Hinge case available in polished brass or chrome.

Cat. No.	Dial	Flange	Depth	Finish	Retail Price
1888B	6"	8"	2½"	BRASS	\$33.00
1888C	6"	8"	2½"	CHROME	\$35.00



**No. 33 SILVA MARINE COMPASS**  
*Liquid filled — gimbal mounted*

This exceptional compass is designed for parallel steering which facilitates the reading to keep on a steady course. Strongly magnetized needle of special Swedish steel. Hermetically sealed, splinter-proof bowl which guarantees function of the compass down to minus 40 degrees. An expansion device eliminates the risk of bubble formation at changing temperatures. The grid ring can be adjusted within one degree and has a diameter of 3½". Black crackle finish with silvered dial. Detachable from vibration moderating fittings.

**RETAIL PRICE \$30.00**



### BRONZE COMPASS INDICATORS

These are two of the most popular models found in many beautiful gardens throughout the country. They are ordinarily set in a cement sidewalk, garden, or some other choice spot where they lend charm to their surroundings. These compass indicators are made in solid bronze and will last a lifetime. Each indicator is furnished with screws for fastening.

**No. 151— 8" Diameter — RETAIL PRICE \$ 9.00**

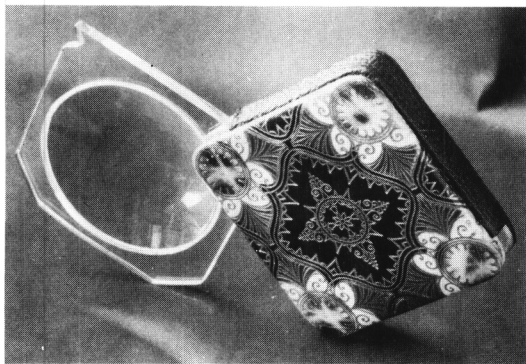
**No. 109—12" Diameter — RETAIL PRICE \$36.00**

### BRONZE SUN DIALS

Sun dials give approximate sun time (apparent time). They make a most attractive addition to the old fashioned garden or some such spot where the message conveyed on their faces may bring back pleasant memories. These sun dials are cast in solid bronze and they will last a lifetime. They are inscribed with Browning's famous quotation, "Grow old along with me. The best is yet to be."

**No. 934—7½" Diameter — RETAIL PRICE \$13.50**

**No. 979—11" Diameter — RETAIL PRICE \$22.50**



### No. 14542 POCKET MAGNIFIER

A beautiful compact magnifier for pocket or purse. Strong 1 ¾ inch diameter lens with plexiglass frame mounted in decorative hinged leather case. The leather case is beautifully decorated with Gold imprinting and colors in the Florentine pattern.

**RETAIL PRICE \$3.80**

### No. 110 LEATHER TRAVEL THERMOMETER

The ideal instrument for the "traveler". A precision thermometer mounted into a genuine leather folding case in Blue, Black or Red leather. Thermometer range from minus 10° to plus 110°F. with silvered dial and gold trim. Thermometer dial 2 ⅞ inches square.

**RETAIL PRICE \$13.00**

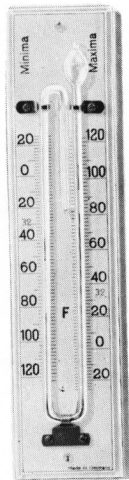
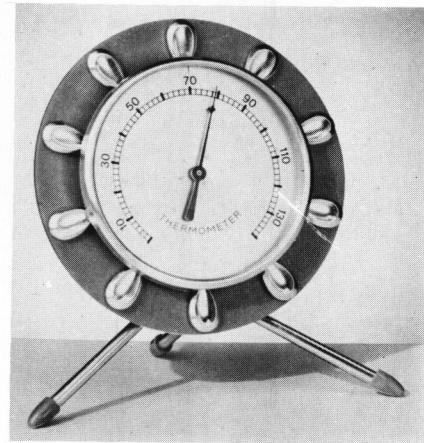




**No. 607 DESK THERMOMETER**

An outstanding new dial thermometer suitable for desk, table, or mantle. The modern metal frame is finished in Red with Gold colored leaf designs and trim. Range +10 to 130°F. Height: 5 Inches Width: 3 3/4 Inches.

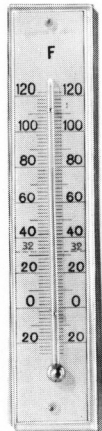
**RETAIL PRICE \$10.00**



**No. 1002A  
Maximum  
and  
Minimum  
Thermometer**

Heavy white enamelled plate glass with beveled edges and indestructible scale. Supplied with magnet and metal window brackets. Size: Length 10" - Width 2 1/4".

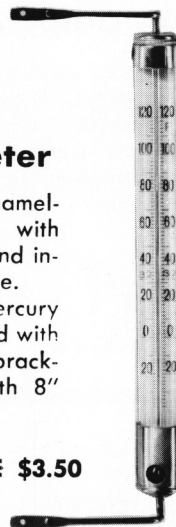
**RETAIL PRICE \$7.50**



**No. 708A  
Window  
Thermometer**

Heavy white enamelled plate glass with beveled edges and indestructible scale. Blue reading mercury column. Supplied with metal window brackets. Size: Length 8" - Width 1 1/2".

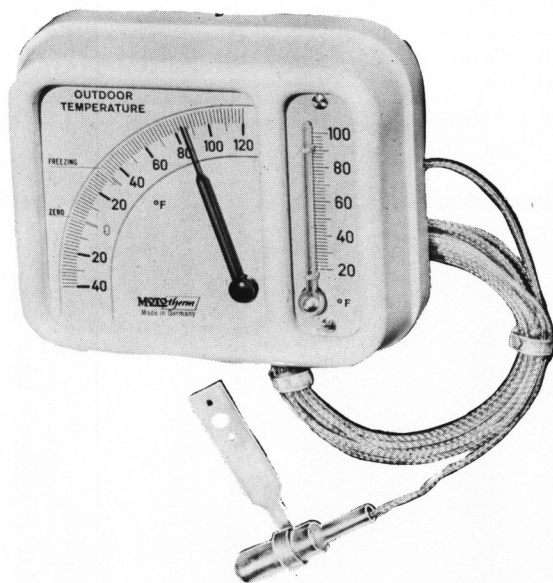
**RETAIL PRICE \$3.50**



**No. 660  
Window  
Thermometer**

This "Vienna" model has a milk glass scale with blue reading mercury tube. Encased in glass tube with nickel mountings. Length 8".

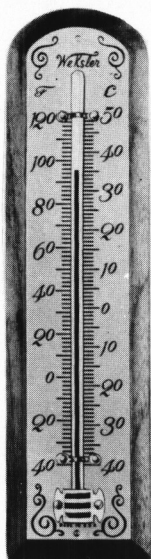
**RETAIL PRICE \$3.00**



**No. 450 MOTO-THERM INDOOR-  
OUTDOOR THERMOMETER**

A compact new precision instrument for the wall that indicates both the outdoor and indoor temperature. The outdoor temperature registers on the easy to read square dial with a range of minus 40° to plus 120°F. The Blue reading indoor thermometer is mounted beside the outdoor thermometer. Both instruments are mounted in a compact Ivory plastic case. Height: 2 3/4 Inches Width: 3 1/2 Inches Depth: 1 1/4 Inches. This instrument is supplied with a 6 1/2 foot capillary tube and all necessary parts and instructions for easy installation.

**RETAIL PRICE \$13.50.**



**No. 203FC WALL THERMOMETER**

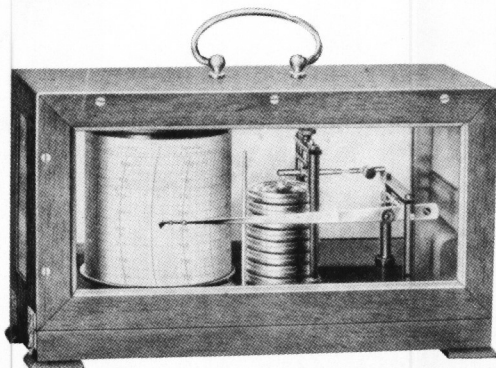
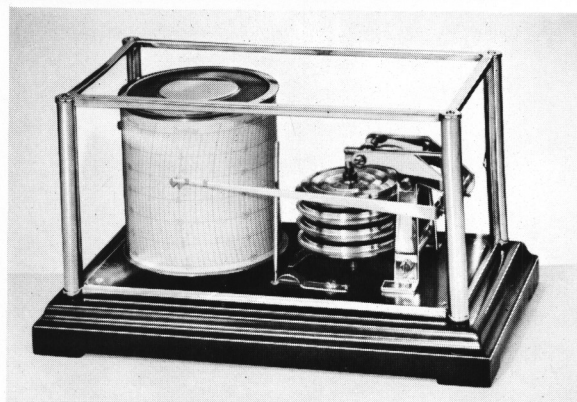
A smartly styled new thermometer that would make a worthy addition to any room. This model has a beautifully engraved polished brass scale graduated in both Fahrenheit and Centigrade with a red spirit filled lens magnifying tube. The Walnut finished wood back is 8 1/2 inches long, 2 1/4 inches wide.

**RETAIL PRICE \$3.00**

**RECORDING BAROGRAPH**

For those who want the utmost in precision accuracy this instrument furnished a written record of the barometer readings for a full seven-day period. Features a precision four vacuum brass polished barometer mechanism and eight-day clock mechanism. Removable cover has five glass panels with polished brass trim. Mounted on a polished walnut wood base. Every instrument supplied with one year supply of charts and ink.

Cat. No.	Height	Width	Depth
3000	5 1/2"	9 3/4"	6 1/2"
<b>RETAIL PRICE \$115.00</b>			



**No. RMA BAROGRAPH  
(Recording Barometer)**

Precision compensated eight vacuum mechanism mounted in a highly polished hand rubbed Walnut hinge case with three glass panes. First quality 8 day clock mechanism with drum revolving once in seven days. Supplied with one year supply of charts and ink.

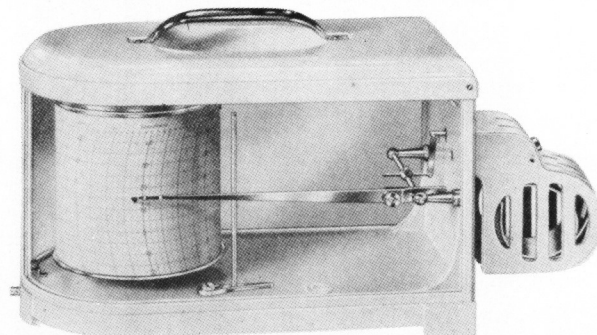
Length: 11 Inches    Width: 5 1/2 Inches    Height: 6 3/4 Inches.  
**RETAIL PRICE \$195.00**

**No. TB THERMOGRAPH  
(Recording Thermometer)**

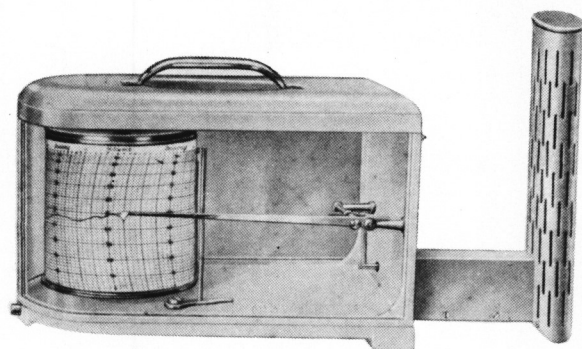
Very sensitive bimetallic element placed outside the case in protective shock proof guard. First quality 8 day clock mechanism with drum revolving once in 7 days. Mechanism is mounted in modern metal case with carrying handle with imitation Mother of Pearl finish and full view glass panel. Available with temperature ranges of +6 to 120°F; -20 to 120°F; +76 to 190°F. Supplied with one year supply charts and ink.

Length: 13 1/4 Inches    Width: 5 1/8 Inches    Height: 7 1/8 Inches.

**RETAIL PRICE \$155.00**







**No. RH HYGROGRAPH  
(Recording Hygrometer)**

The precision "Durotherm" measuring element is mounted outside the case in a vertically mounted perforated basket for the utmost in accuracy and sensitiveness. Modern metal case with carrying handle with imitation Mother of Pearl finish. First quality 8 day clock mechanism with drum revolving once in 7 days. Measuring range 0 to 100% relative humidity. Supplied with one year supply of charts and ink.

Length: 14 Inches Width: 5 1/8 Inches Height: 9 Inches.

**RETAIL PRICE \$155.00**

**No. TH THERMO-HYGROGRAPH  
(Combined Recording Thermometer  
and Hygrometer)**

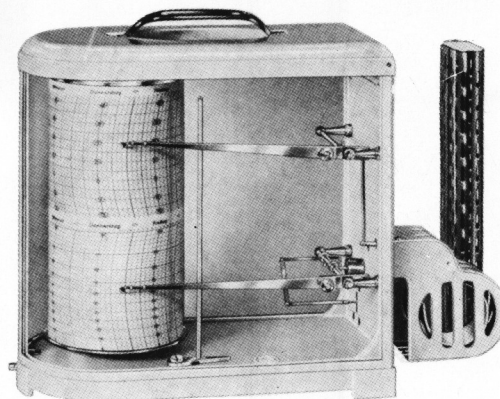
The "Durotherm" hygrometer element and highly sensitive bi-metallic thermometer mechanism are mounted outside the case in protected guards for the utmost in precision accuracy. First quality 8 day clock mechanism with drum revolving once in 7 days. Modern metal case with carrying handle and full view glass panel with imitation Mother of Pearl finish. Supplied complete with one year supply of charts and ink.

Length: 13 1/4 Inches Width: 5 1/8 Inches Height: 10 1/2 Inches.

Hygrometer range: 0 to 100% relative humidity

Thermometer range: Plus 6° to 120°F.

**RETAIL PRICE \$220.00**



**No. BTH METEOROGRAPH  
(Combined Recording Barometer-  
Thermometer-Hygrometer)**

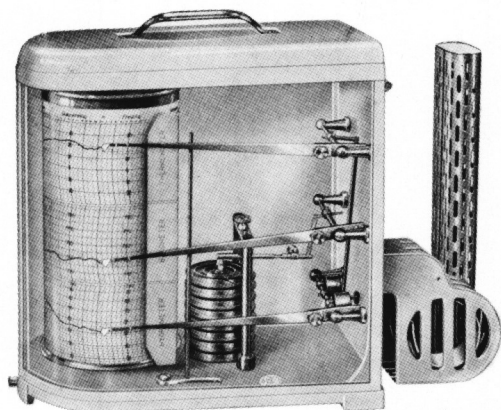
This instrument records air pressure, temperature and relative humidity on one chart. The precision "Durotherm" hygrometer element and the highly sensitive bi-metallic thermometer element are mounted outside the case in protected guards for the utmost in precision accuracy. The barometer is a compensated 8 vacuum mechanism. The modern metal case with carrying handle is finished in imitation Mother of Pearl with full view glass panel. First quality 8 day clock mechanism with drum revolving once in 7 days. Supplied complete with one year supply of charts and ink.

Length: 13 1/4 Inches Width: 5 1/8 Inches Height: 10 1/2 Inches.

Hygrometer range: 30 to 100% relative humidity.

Thermometer range: Plus 8° to 134°F.

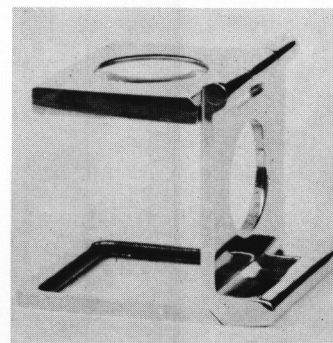
**RETAIL PRICE \$355.00**



**LINEN TESTERS**

Heavy folding brass frame, lacquered, first quality lenses. Available in the following sizes:

No.	Lens Diameter	Power	Opening	Retail Price
1B	3/8"	11X	1/2 x 1/2 inch	\$1.38
1B	3/8"	11X	1/4 x 1/4 inch	
1B	3/8"	11X	1/4 x 1/2 inch	
2B	1/2"	10X	1/2 x 1/2 inch	\$1.80
3B	5/8"	8X	1/2 x 1/2 inch	\$2.25
3B	5/8"	8X	3/4 x 3/4 inch	
4B	3/4"	6X	1 x 1 inch	\$3.50
5B	1 1/8"	5X	1 x 1 inch	\$4.65





**WATROUS & CO., Inc.**

IMPORTERS — ESTABLISHED 1869

110 EAST 23rd STREET NEW YORK 10, N. Y.

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