

GALTONS®

OF PARNELL

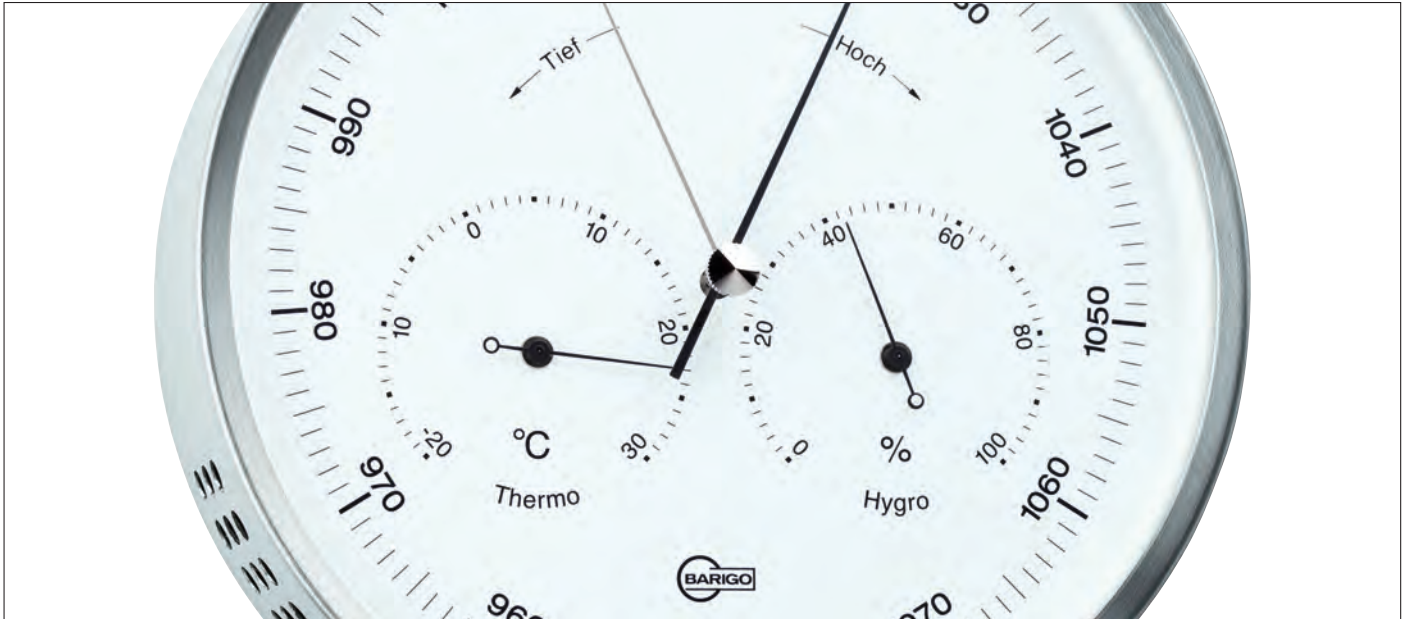
FOR LEADING EUROPEAN BRANDS

MAY / JUNE NEWSLETTER 2011

BARIGO – A TRADITION OF QUALITY
IN THE METEOROLOGICAL INDUSTRY FOR OVER 80 YEARS

Barigo is famous today worldwide for high quality measuring equipment and meteorological stations. Barigo originates from a tradition of precision engineering in the Black Forest, Germany. The production method at Barigo has been characterized by its exacting fully integrated production processes. German precision ensures quality, partnered with award winning designs means longevity of their products.

Galtons of Parnell has just landed an extensive selection of Barigo's weather stations and marine instruments in a wide variety of styles & prices. Suitable for your home, office, bach or boat. These instruments add an interesting yet useful feature in your décor and are perfect presents for those men in your life.



Marine Steel 16cm Weather Station \$454

WHAT IS A BAROMETER & HOW DOES IT WORK?

Barometers measure the air pressure for the purpose of forecasting the weather. The weather is determined by changes in atmospheric pressure, and the speed of such changes. A rapid rise or drop in pressure leads to rapid changes in the weather. If the pressure increases the weather is improving, if the pressure decreases the weather is deteriorating. The sensor element of a barometer is called a diaphragm (it is a metal capsule). With increasing air pressure this diaphragm is pressed together; with decreasing air pressure it expands. This movement of the diaphragm is transferred to a rotation movement of the spindle with the help of a lever system. An indicating hand placed on top of the spindle allows accurate readings of the air pressure measured by this system.



Dome Weather Station
16cm Brass with Mahogany Base
\$432



Dome Weather Station
16cm Nickel with Black Wood Base
\$454



Dome Weather Station
12cm Brass with Black Base
\$254



Dome Weather Station
12cm Nickel with Black Base
\$287

HOW TO ADJUST A BARIGO BAROMETER TO THE LOCAL ALTITUDE

At sea level the air pressure is higher than in the mountains. As the weight of the air above the instrument is much higher, your barometer will need to be adjusted to the atmospheric pressure. To obtain the current relative air pressure reading for your location check your local newspaper, radio station or airport on the day of adjusting the barometer. On the back of each instrument (or at the bottom of some table instruments) look for the adjusting screw which moves the indicating hand. Turn the adjusting screw to set the hand to the correct reading for your local altitude. This adjustment should only need to be done once.

287 PARNELL ROAD, PARNELL, AUCKLAND.

PHONE: 09 379 2371 FACSIMILE: 09 379 2241 EMAIL: info@galtons.co.nz

Shop online www.galtons.co.nz

Store hours Monday to Friday 9.30 to 5.30, Saturdays 10 to 4, Sundays & Public Holidays Closed



WHAT IS A HYGROMETER & HOW DOES IT WORK?

Hygrometers measure the relative air humidity. A mechanical hygrometer uses a complex system, based on one of the first hygrometers designed in 1783 by Horace Bénédict de Saussure. This system uses an organic material (usually human hair) that expands and contracts as a result of the surrounding humidity (that also explains why you always seem to have a bad hair day when it's hot and humid!). The organic material is held under slight tension by a spring, which is linked to a needle gauge that indicates the level of humidity based on how the hair has moved.



Marine Yacht 10cm Brass
Porthole Clock
\$443



Marine Yacht 10cm Brass
Porthole Clock Radio Sectors
\$464



Marine Yacht 10cm Brass
Porthole Tide Clock
\$578



Marine Yacht 10cm Brass
Porthole Barometer
\$502



Marine Yacht 10cm Brass
Porthole Comfort-meter
\$537



Orion 10cm
Stainless Steel
White Clock
\$302



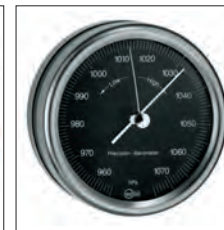
Orion 10cm
Stainless Steel
White Barometer
\$319



Orion 10cm
Stainless Steel
White Hygrometer &
Thermometer
\$308



Orion 10cm
Stainless Steel
Black Clock
\$302



Orion 10cm
Stainless Steel
Black Barometer
\$319



Orion 10cm
Stainless Steel
Hygrometer &
Thermometer
\$308

HOW TO ADJUST A BARIGO HYGROMETER

Put a damp cloth on the back of the hygrometer for about one hour to allow humidity to get into the instrument and circulate within the case of the hygrometer. The scale should read approximately 95%. If it reads a higher or lower percentage, turn the screw on the back of the instrument until the pointer is on 95%. For the fastidious who like to maintain accuracy of their hygrometer repeat this procedure every 3-4 months.



America 85mm
Chrome Clock
\$329



America 85mm
Chrome Barometer
\$373



America 85mm
Chrome Hygrometer &
Thermometer
\$329



America 85mm
Brass Clock
\$286



America 85mm
Brass Barometer
\$329



America 85mm
Brass Comfort-meter
\$286



Sky 85mm
Stainless Steel
White Clock w/Flags
\$177



Sky 85mm
Stainless Steel
White Barometer
\$207



Sky 85mm
Stainless Steel
White Comfort-meter
\$147



Sky 85mm
Stainless Steel
Blue Clock w/Flags
\$195



Sky 85mm
Stainless Steel
Blue Barometer
\$207



Sky 85mm
Stainless Steel
Blue Hygrometer &
Thermometer
\$177

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WHAT IS A THERMOMETER & HOW DOES IT WORK?

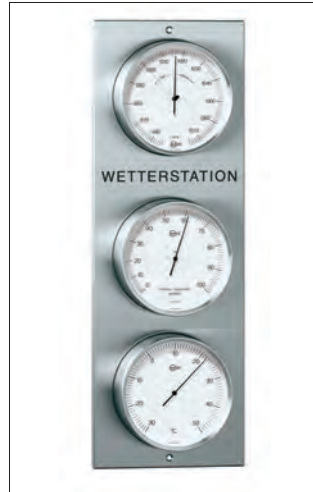
Thermometers measure the temperature of the environment. Dial thermometers contain bimetal spiral springs which consist of two different metals. These metals contract and expand with change of temperature, but in a different way and to a different extent. One being less reactive than the other, the spiral spring makes a defined rotating move when contracting or expanding. This defined move is reflected by the turn of a spindle which holds the indicating hand. The dial type thermometer is of very solid construction and will need adjustment only in exceptional cases. Liquidity thermometers contain alcohol (in former times: quicksilver) in a vacuum tube. The liquid expands or contracts with change of temperature.



Modern Home 5cm Weather Station
15x15cm Aluminum
\$657



Modern Home 9/6cm Weather Station
20x15x5cm Stainless Steel
\$335



Modern Home 12cm Weather Station
52x18cm Stainless Steel
\$875



Modern Home 10cm Weather Station
40x14cm Stainless Steel
\$432



Weather Station
37x13cm Brass on Mahogany Base
\$529



Weather Station
37x13cm Chrome on Black Wood Base
\$529

WHAT IS A COMFORT-METER?

Comfort-meters measure both the humidity & the temperature to indicate the comfort level of the environment. If the room temperature is 21°C the air humidity should be between 40% and 60% for optimal comfort.



Travel Case
30x12x6cm Weather Station \$2,430



Barograph
20x13x13cm Brass in Mahogany Case with 4 Diaphragms \$2,370

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NEW RELEASES FROM DIBBERN

Dibbern is known for its contemporary designs and uncompromising quality, their plates are spun rather than pressed which makes them up to three times stronger than other comparable fine bone china brands. There is no doubt that Dibbern is the highest quality Fine Bone China on the worldwide market. Dibbern's latest release is called Birds. It is designed by a French designer and has an elegant light hearted approach to entertaining without being whimsical. German craftsmanship and French design flair create a wonderful match. Dibbern has also added two very sculptural jugs to their collection, jugs you will not want to hide away in the cupboard!



Birds Dinner Plate \$261
Entrée Plate \$230



Pure Jug 500ml \$192 1.6Ltr \$273

NEW ARRIVALS FROM SWISS WATCH MAKER PIERRE JUNOD

Pierre Junod is a Swiss watch maker who specializes in watches designed by architects and designers. Each watch is entirely made in Switzerland. All Pierre Junod leather straps are 'eco-produced' which means they are tanned without chrome or chemical additives. The leather is coloured by using only organic extracts and all are of European origin.



Pierre Junod
Losange Watch \$725 each
Designed by Andre Ricard



Pierre Junod
Dauphine Watch \$934 Leather Strap
\$POA Steel Strap
Designed by Christian Geissbuhler



Pierre Junod
Botta08 \$920 each
Designed by Mario Botta

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