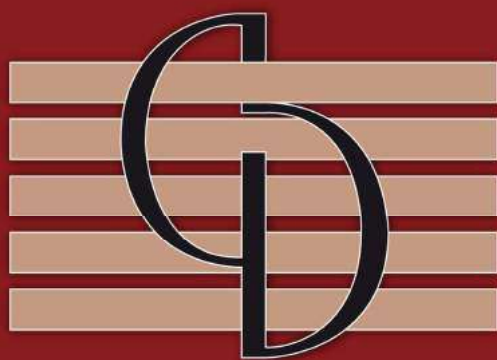


CREDAN



2018

## GENERAL INFORMATION ABOUT CREDAN

*The craft of damascene arrived in Toledo at the time of greatest splendour of Al-Andalus, though some damask pieces dating back over 2,500 years have been found. Egyptians, Greeks and Romans used this technique, with different characteristics, for the ornamentation of weapons and decorative elements. At the time when the Roman Empire was transferred to Byzantium, the art of damascene reached its height in Damask (Syria), and thus the name given to this technique.*

*The manufacturing process begins with a mechanical treatment to roughen the base material (copper) and so ensure perfect subsequent adherence of the gold. Then, sheets and threads of 24 and 18-carat gold are applied to produce the design, previously drawn by hand.*

*In order to achieve perfect adherence of the sheets and threads of gold, this material is hammered into place with a burin or punch. The next step is the oxidation of the non-damascened areas, which is achieved by means of a chemical bath that gives the piece an attractive black finish which contrasts with the shine of the gold.*

*Subsequently, the areas with gold are again hammered and worked to engrave small details on each one, contributing to the beauty of the final result and making each piece unique. Finally, the pieces are lacquered so that their beauty remains unchanged over time.*

*The name of the Gómez family has always been linked to the handcraft tradition of Toledo and its most characteristic technique, damascene. The knowledge of several generations and a particular vision in the creation of new articles led Ángel Gómez Alonso to found the company Creaciones Dángel in 1965, initially specialising in the reproduction of works of art in a small workshop no bigger than 25 m<sup>2</sup>.*

*In 1975, and after a major investment in technology, Creaciones Dángel was renamed CREDAN and became an industrialised company which, without forgetting its craft origins and based on a carefully-chosen human team, began its adventure in other markets. Thus, it managed to place its products in the most prestigious shops around the world.*

*The quality of the raw materials used (including 24-carat gold) and the refinement and elegance of the finished products, helped to rapidly spread CREDAN's reputation around the entire world. Kings, princes, sheikhs, ambassadors and the most prestigious figures soon became loyal customers of CREDAN.*

*This tradition of elegance, quality, craftsmanship and historical inspiration can still be seen in all the articles manufactured by CREDAN.*

*This catalogue gives you the opportunity to travel back in time, observing in CREDAN's collection of gifts the timeless imprint left by the great historical events, their cultural legacy and their most important figures. All of this, skilfully combined with the craftsmanship of CREDAN and the use of first-quality materials such as 24-carat gold, have helped to consolidate our collection, which is available only in the most prestigious, most exclusive stores in the world.*





### PROCESS 1

By chemical and mechanical process we clean the material base, always pure Copper, in order to have a perfect fixation of the Gold. The thickness of the Copper base depends on the article to produce, the regular thickness goes from 0,2 mm to 1,4 mm.



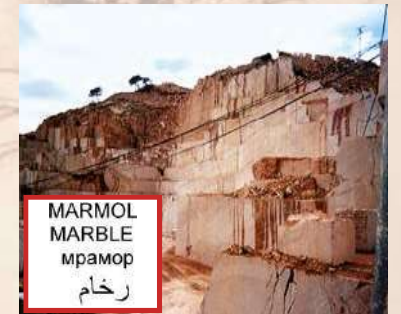
### PROCESS 2

For this step, we inlay the 18 karat Gold. We obtain 18 Kt. Gold, mixing pure 24 kt gold with silver. The thickness of the wires or its sheets is about 3 microns. This gold has a light green colour.



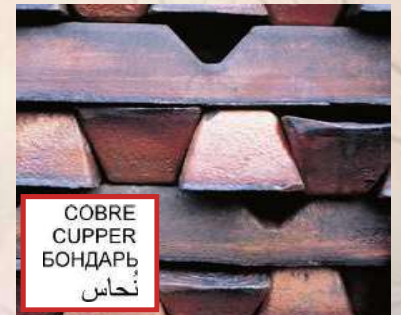
### PROCESS 3

Once the gold of 18 kt is on the copper base, we proceed to inlay 24 kt gold (maximum purity of this metal). The thickness of the wires or its sheets is about 3 microns. That means that in some areas of the pieces we have 6 microns gold thickness (3 of 24 kt plus 3 of 18 kt.)



### PROCESS 4

All the work with gold it is already done. Now we proceed to fix permanently the gold into the copper. For this part, golden areas, are covered using hammer and different tools. This process gives to the damascene piece a nice third dimension embossing.



### PROCESS 5

The next step is the oxidation for the not damascened areas. We obtain this introducing the piece into a specific chemical bath (called pavon) which attack only the non noble metal. This process gives to the piece a lovely black finish which contrast with the shining gold.



### PROCESS 6

Now in order to protect the delicate work done, the piece is protected with a smooth lacquer. This is an extra protection given to the piece in order to maintain clean our product, only a soft cloth is needed for that. At the end, the piece is ready to get fixed or assembled in one of our products.





# Agatha Christie



Ref. 172015

22 x 14 x 3 cm



# *Titanic*

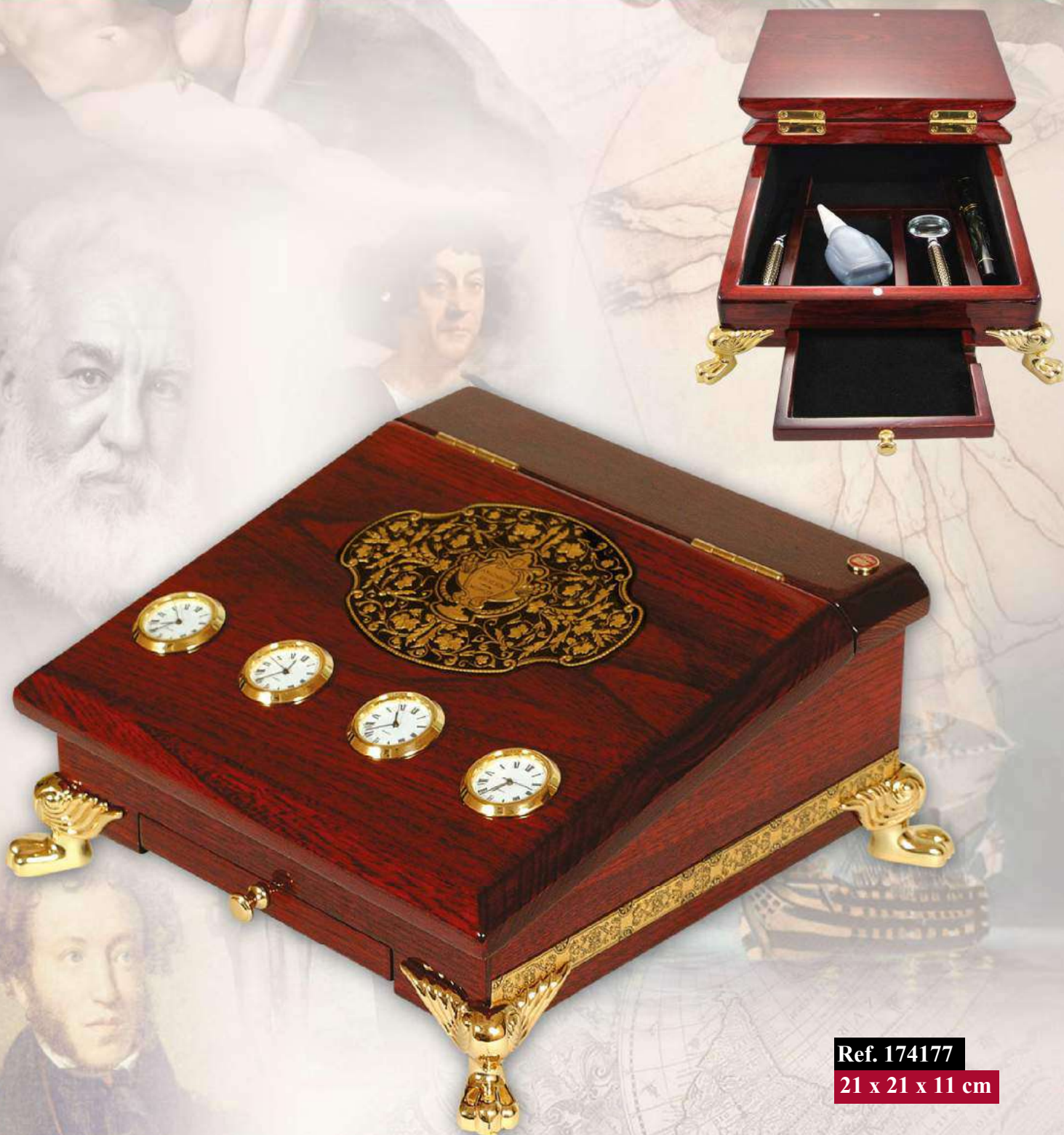


Ref. 174176

28 x 19 x 12 cm



# Phileas Fogg



Ref. 174177

21 x 21 x 11 cm



# *Shakespeare*



Ref. 174178

24 x 24 x 15 cm



# Roger Bacon



Ref. 174179

12 x 12 x 24 cm



# The Hague



Ref. 174180

19 x 13 x 18 cm



# Jules Verne



Ref. 174181

46 x 23 x 22 cm



# *B*russe*ls*



Ref. 174182

45 x 27 x 17 cm



# Saint - Exupéry



Ref. 174185

20 x 14 x 20 cm



# Aquila Chrysaetos



Ref. 174186

20 x 16 x 20 cm



# *Alaska*



Ref. 174187

20 x 16 x 20 cm



# Mufasa



Ref. 174188

20 x 16 x 20 cm



# *Pegasus*



Ref. 174189

20 x 16 x 20 cm



# Library of Alexandria



Ref. 174300

27 x 16 x 30 cm



# Library of Congress

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 11,5 cm diameter



Ref. 174301

27 x 16 x 32 cm



# Bodleian Library



Ref. 174302

27 x 16 x 26 cm



# Sale Library



Ref. 174303

27 x 16 x 28 cm



# Abbey Library



Ref. 174304

27 x 16 x 24 cm



# Morgan Library



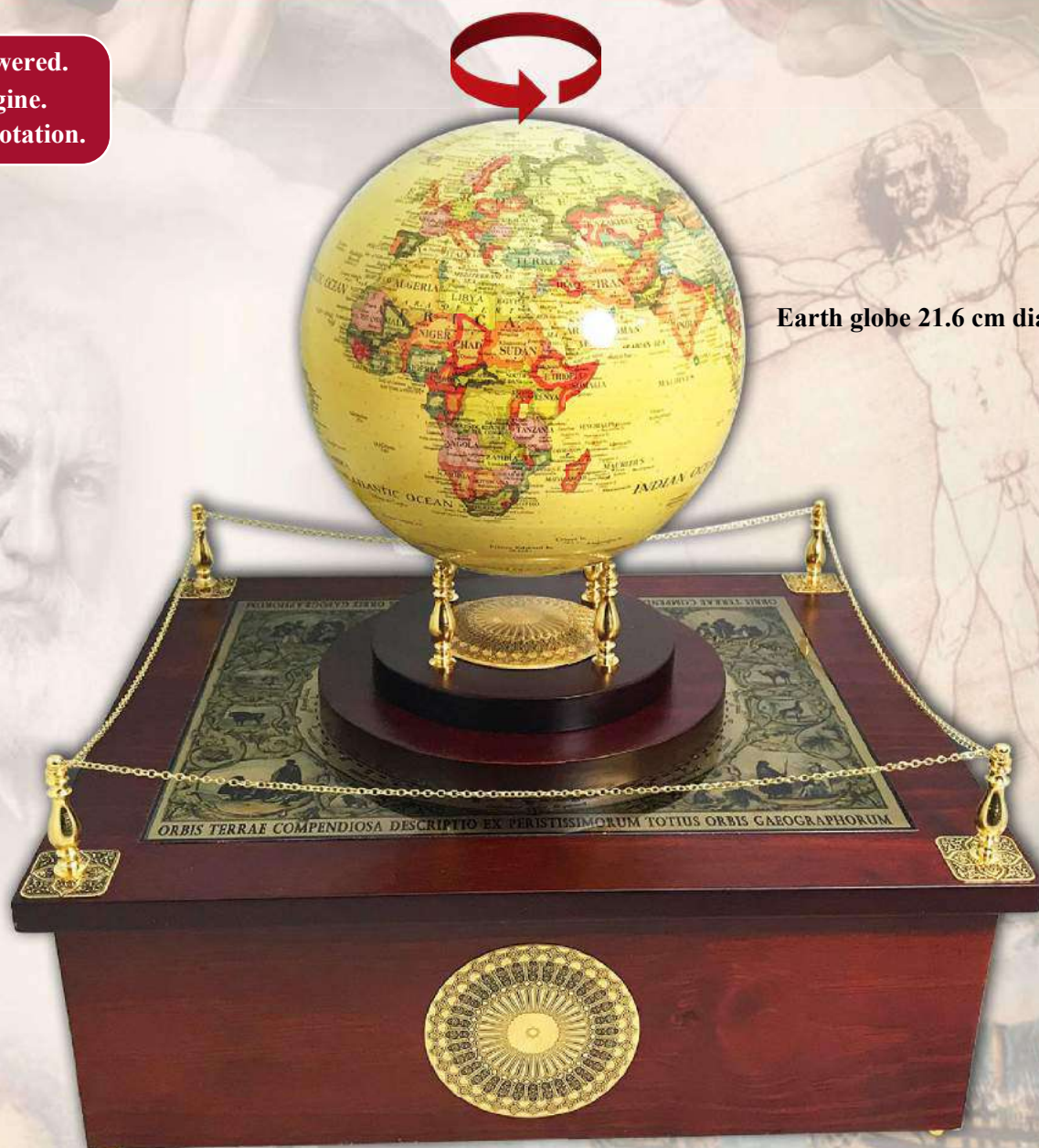
Ref. 174305

27 x 16 x 25 cm



# Big Bang

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 21.6 cm diameter



Ref. 181075

44 x 37 x 46 cm



# Wall Street



Ref. 181076

44 x 37 x 23 cm



# Backgammon



Ref. 181077

48 x 60 x 3,5 cm



# *Habana*



Ref. 181082

35 x 24 x 20 cm



# Winston Churchill



Ref. 181084

18 x 25 x 7 cm



# *Switzerland*



Ref. 181085

18 x 18 x 20 cm



# Alexander Graham Bell



Ref. 181091

33 x 26 x 30 cm



# *Grand National*



Ref. 181092

33 x 30 x 22 cm



# *Titan*

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 11,5 cm diameter

Ref. 185001

27 x 16 x 32 cm



# *Livingstone*



Ref. 185002

18 x 18 x 20 cm



# Christopher Columbus



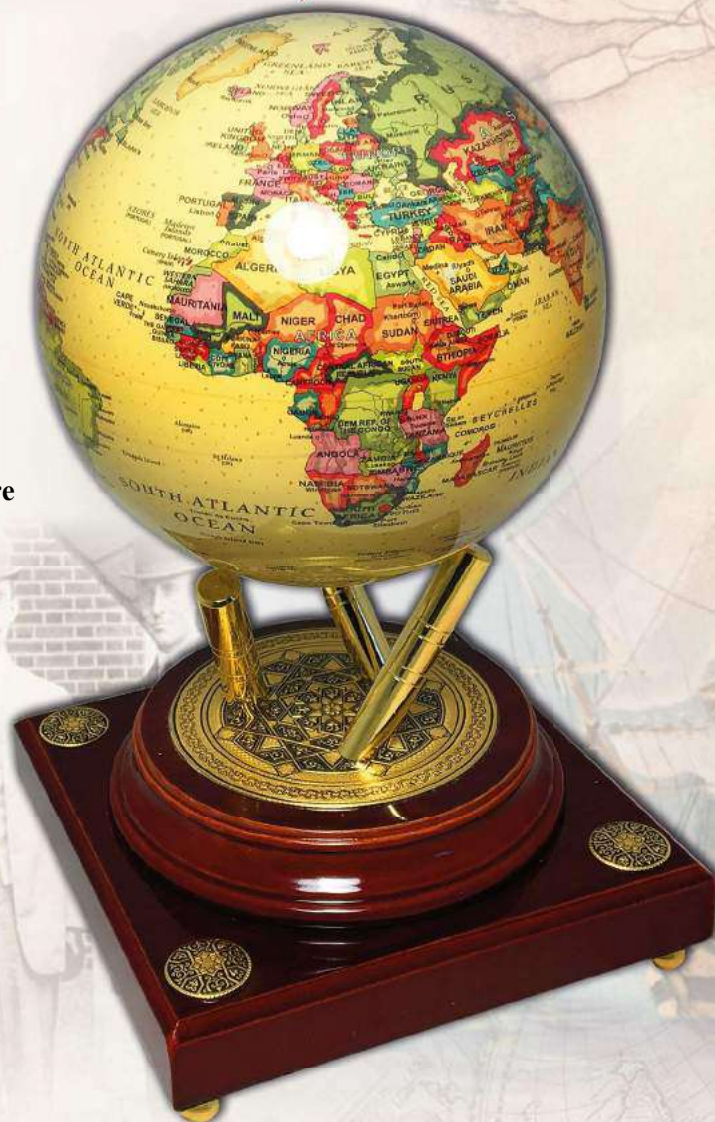
Ref. 185003

24 x 24 x 30 cm



# Bahamas

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 11,5 cm diameter

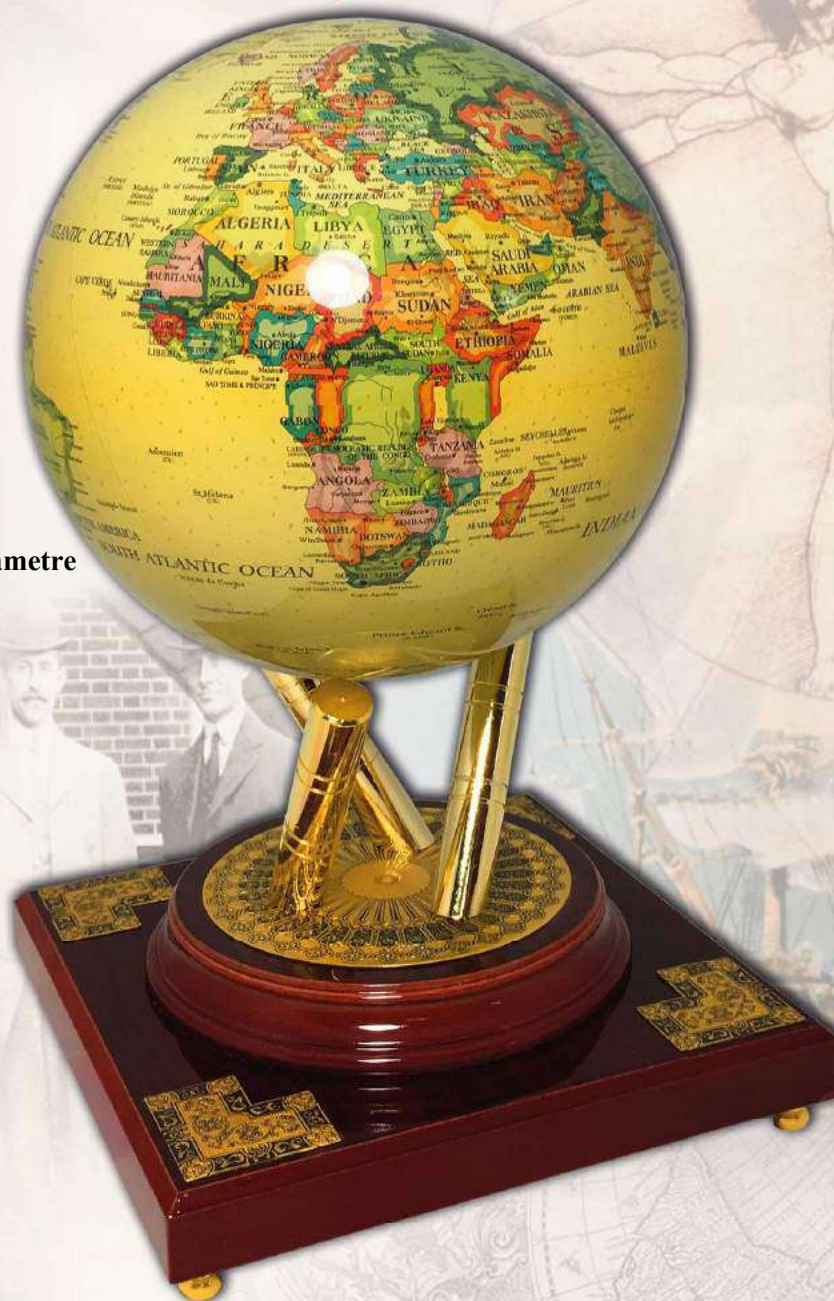
Ref. 185004

13 x 13 x 22 cm



# Aruba

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 15,25 cm diameter

Ref. 185005

17 x 17 x 28 cm

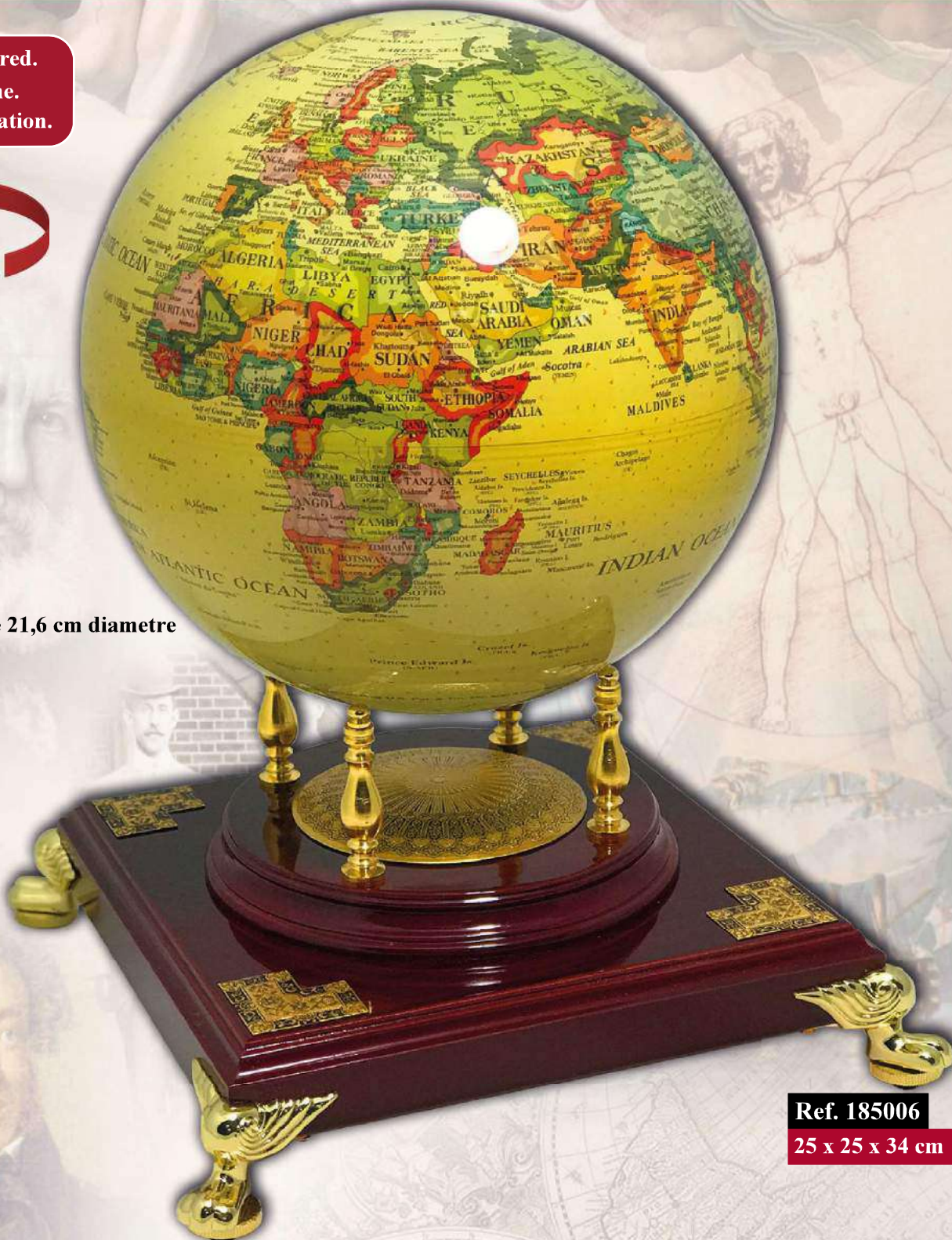


# *Curacao*

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 21,6 cm diameter



Ref. 185006

25 x 25 x 34 cm



# Carlo Magno



Ref. 185044

42 x 21 x 28 cm



# Monza



Ref. 185052

36 x 22 x 34 cm



# Le Mans



Ref. 185053

36 x 22 x 34 cm



# *Indianapolis*



Ref. 185054

36 x 22 x 34 cm



# Lord Byron



Ref. 185055

39 x 13 x 32 cm



# Lord Chamberlain



Ref. 185056

39 x 13 x 32 cm



# Ouzo



Ref. 185057

43 x 26 x 25 cm



# *Stolichnaya*



Ref. 185058

36 x 25 x 26 cm



# *J Hennessy*



Ref. 185059

43 x 26 x 22 cm



# Round Table



Ref. 185060

38 x 38 x 36 cm



# Royal Trophy



Ref. 185061

26 x 37 cm



# A Capone



Ref. 185064

32 x 32 x 37 cm



# *Sakuza*



Ref. 185065

32 x 32 x 37 cm



# Bordeaux



Ref.: 185067  
39 x 18 Ø cm



# San Francisco



Ref. 185072

51 x 36 x 20 cm



# *Schnapps*



Ref. 185073

51 x 36 x 20 cm



# Grappa



Ref. 185074

51 x 36 x 20 cm



# Cape Dezhnev



Ref. 185075

36 x 26 x 48 cm



# Cape Horn



Ref. 185076

36 x 26 x 48 cm



# *Bourbon*

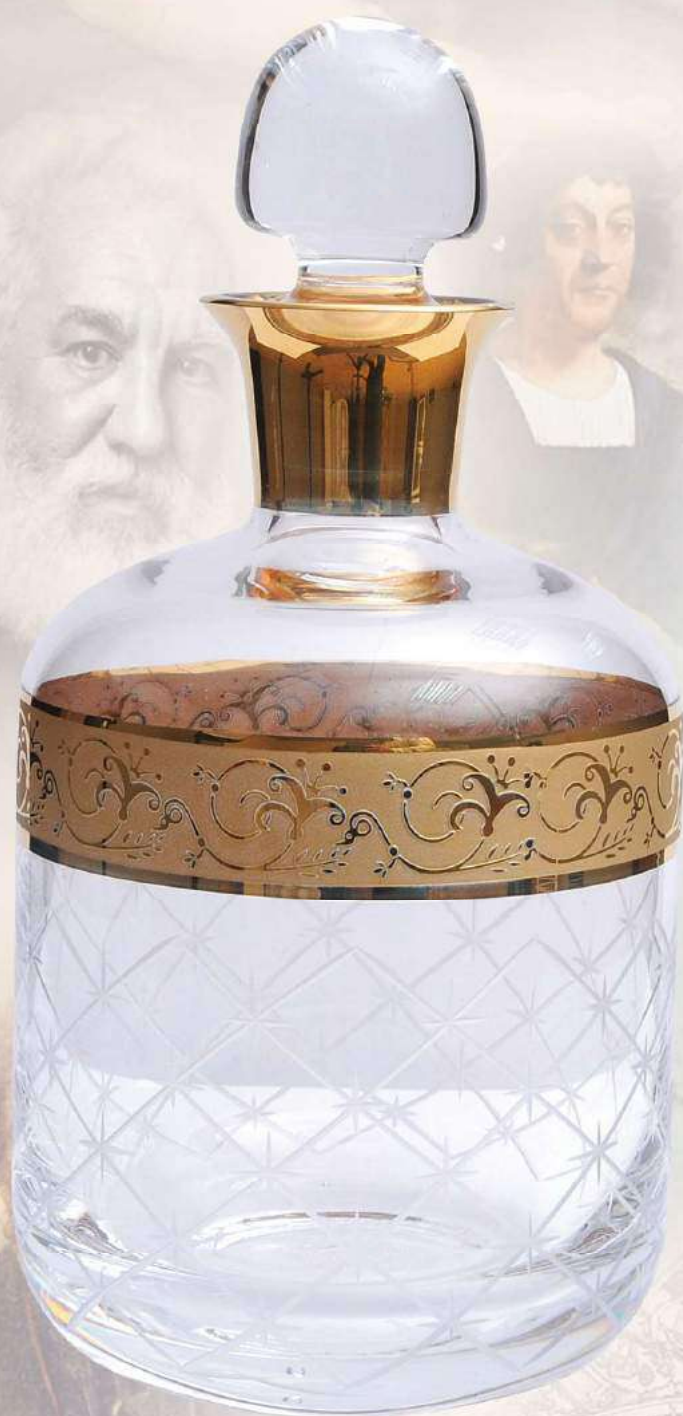


Ref. 185077

49 x 36 x 16 cm



# *Petite Champagne*



Ref. 185080

38 x 38 x 36 cm



# Grande Champagne



Ref. 185081

47 x 41 x 21 cm



# Whisky

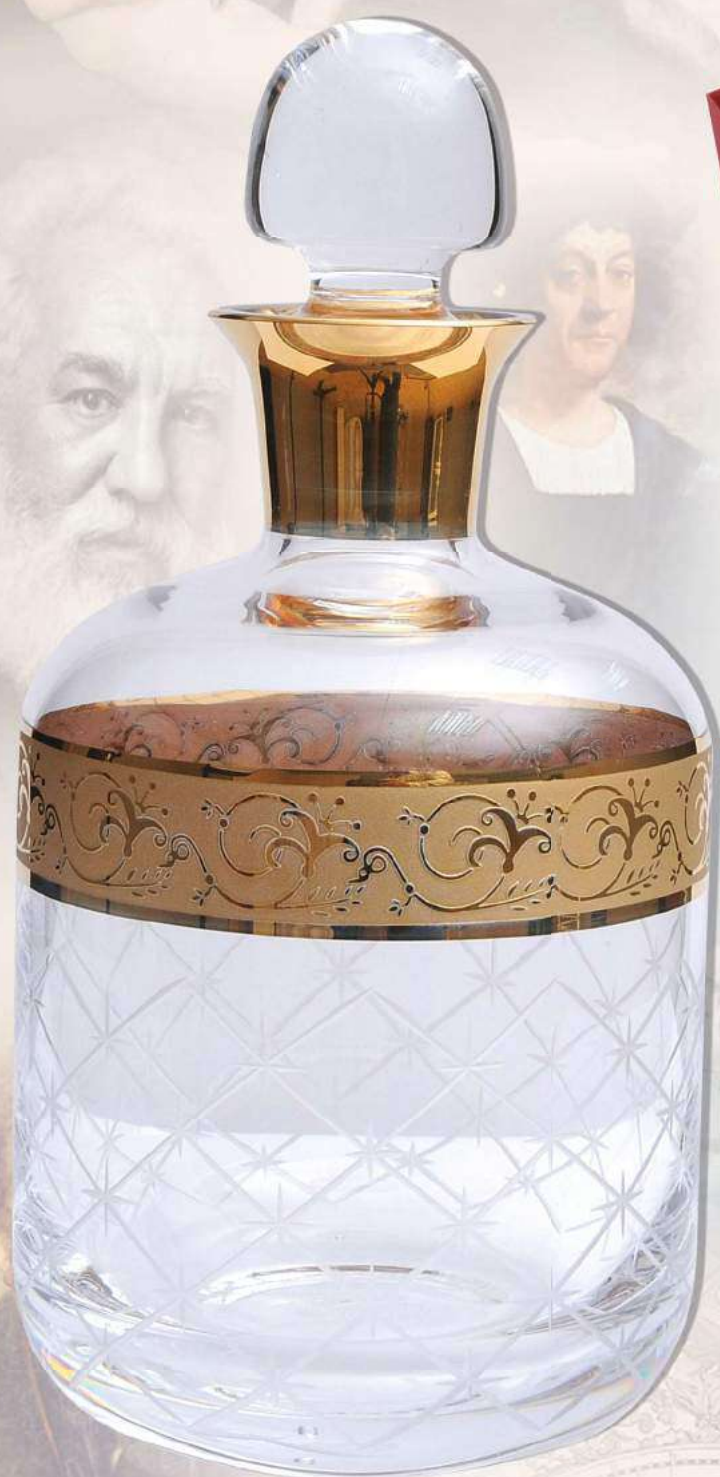


Ref. 185083

55 x 41 x 18 cm



# *Le Courvoisier*



Ref. 185084

60 x 43 x 18 cm



# Vodka



Ref. 185085

49 x 42 x 21 cm



# Sancerre

*6 glasses for  
white wine*



Ref. 185087

21 x 8 Ø cm



# Bonaparte



Ref. 185089

33 x 30 x 29 cm



# *B*randy



Ref. 185090

20 x 14 x 16 cm



# *Napoleón*



Ref. 185093

28 x 19 x 20 cm



# NO



Ref. 185096

30 x 17 x 16 cm



# Armagnac



Ref. 185097

22 x 18 x 17 cm



# Cognac



Ref. 185098

60 x 30 x 18 cm



# Cocktail



Ref. 185099

60 x 30 x 18 cm



# Cabernet Sauvignon



Ref. 185100

60 x 30 x 18 cm



# Champagne



Ref. 185102  
60 x 30 x 18 cm



# Bohemia



Ref. 185103

9 x 19 cm



*Tzar*



Ref. 185104

19 x 13 x 19 cm



# Caspian Sea



Ref. 185110

35 x 24 x 22 cm



# Champs - Élysées



Ref. 185200

44 x 37 x 35 cm



# London City



Ref. 185201

44 x 37 x 39 cm



# Nikkei



Ref. 185202

44 x 37 x 39 cm



# *Palace*



Ref. 185203

44 x 37 x 23 cm



# Savoy



Ref. 185204

44 x 37 x 26 cm



# La Marmounia



Ref. 185205

44 x 37 x 26 cm



# Four Seasons



Ref. 185206

44 x 37 x 26 cm



# *S. Regis*



Ref. 185207

44 x 37 x 26 cm



# *Historia*



Ref. 185208

44 x 37 x 26 cm



*6<sup>th</sup> of September 1522*



Ref. 346870

55 x 45 cm



*12 of October 1492*



Ref. 346871

52 x 45 cm



# *Equus Caballus*



Ref. 346872

52 x 45 cm



# Athens



Ref. 474886

30 x 15 x 15 cm



# *Atlantic*



Ref. 474888

10 x 10 x 18 cm



# *Pacific*



Ref. 474889

19 x 13 x 18 cm



# *Zürich*



Ref. 474892

18 x 18 x 7 cm



# *Geneva*



Ref. 474893

18 x 18 x 7 cm



# Lausanne



Ref. 474894

18 x 18 x 7 cm



# Bern



Ref. 474895

18 x 18 x 7 cm



# Wright Brothers



Ref. 485048

14 x 14 x 12 cm



# HMS Victory



Ref. 485049

17 x 13 cm



# *Nautilus*



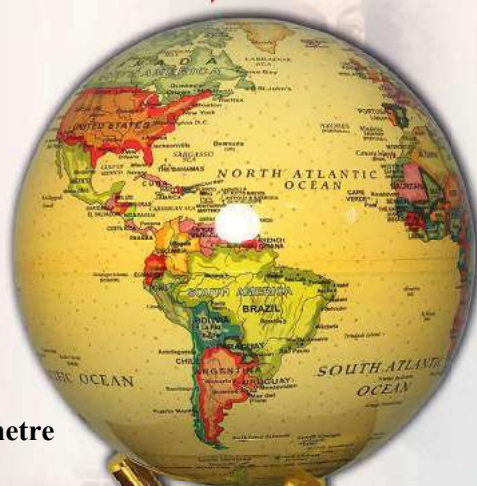
Ref. 485053

14 x 14 x 9 cm



# Isle of Man

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 11,5 cm diameter



Ref. 485055

14 x 14 x 29 cm



**Solar-powered.  
Silent engine.  
Eternal rotation.**



**Earth globe 21.6 cm diameter**



**27 x 27 x 54 cm**



# Cyprus

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 15.25 cm diameter

Ref. 485057

18 x 18 x 42 cm



# *Winterthur*



Ref. 485058

18 x 18 x 45 cm



# Luzern



Ref. 485059

27 x 27 x 62 cm



# *Greenwich Meridian*



Ref. 490001

15 x 15 x 19 cm



# Atlas



Ref. 490004

20 x 20 x 20 cm



# *P*lanetharium



Ref. 490005

20 x 20 x 14 cm



# Zodiac

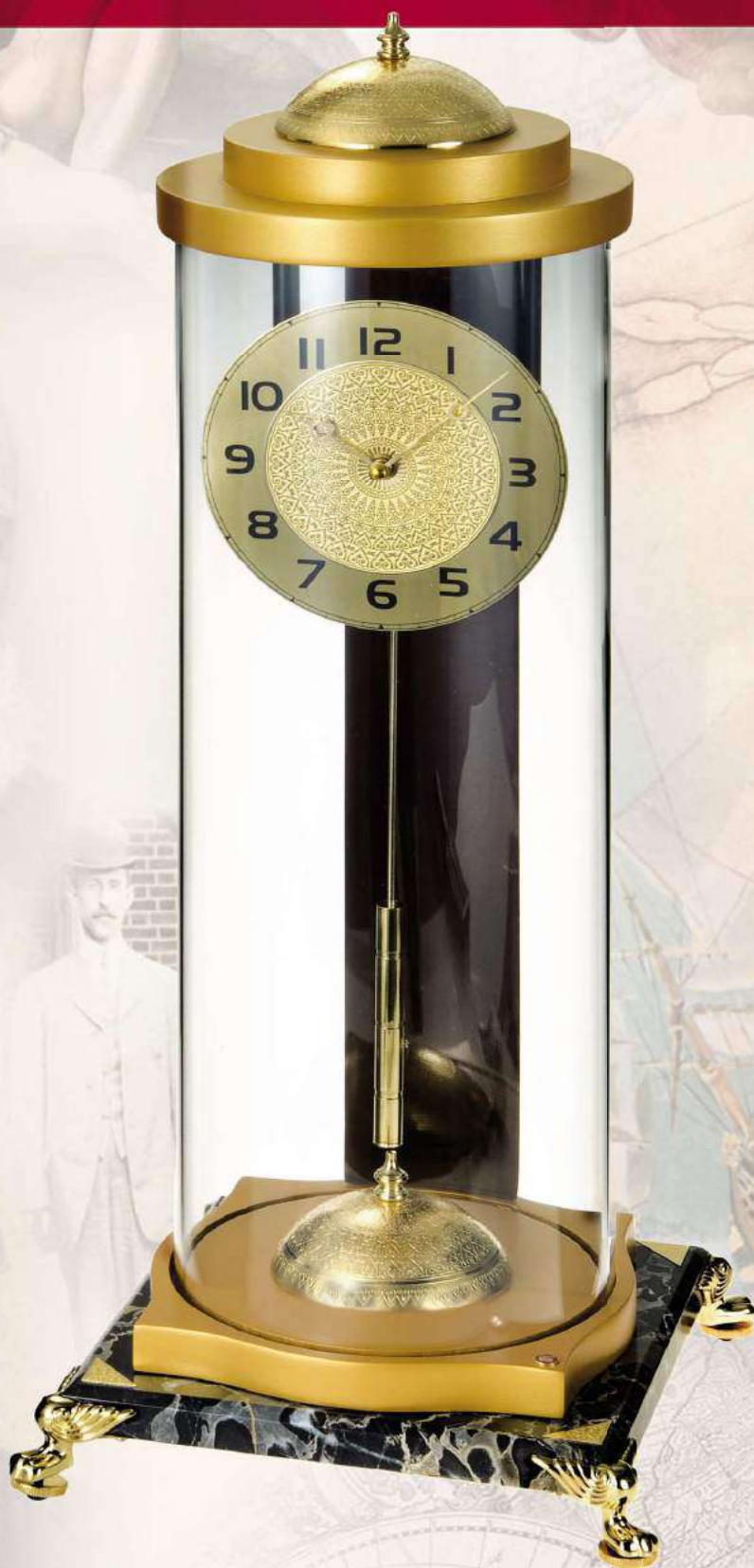


Ref. 490006

18 x 18 x 15 cm



# Big Ben



Ref. 490100

68 x 22 x 22 cm



# Discovery of America



Ref. 490101

42 x 25 x 12 cm



# Toledo



Ref. 490103

10 x 8 x 30 cm



# *Orbis Terrarum*



Ref. 490105

30 x 16 x 50 cm



# *Venetian*



Ref. 490106

28 x 14 x 37 cm



# *Michelangelo*



**Ref. 490108**

**17 x 25 cm**



# Lake Victoria



Ref. 490109

32 x 19 x 34 cm



# Córdoba



Ref. 490111

10 x 8 x 17 cm



# *Danube*



Ref. 490113

20 x 20 x 31 cm



# Basel



Ref. 490114

32 x 25 x 40 cm



# Louvre



Ref. 490115

26 x 26 x 35 cm



# *Palio di Siena*



Ref. 490120

38 x 20 x 59 cm



# Kronos

Solar-powered.  
Silent engine.  
Eternal rotation.



Earth globe 11.5 cm diameter

Ref. 490122

27 x 27 x 63 cm



# Taj Mahal



Ref. 490123

26 x 26 x 43 cm



# *K*remlin



Ref. 490125

20 x 20 x 37 cm



# Luxor Obelisk



Ref. 490502

16 x 16 x 60 cm



# *Aropolis*



Ref. 490515

35 x 12 x 42 cm



# *Tempus Fugit*



Ref. 490516

35 x 25 x 45 cm





a aO t c a t m aO t C F  
a m p S a mm