### PRICE LIST

<table>
<thead>
<tr>
<th>No.</th>
<th>MODEL</th>
<th>COMMENTS</th>
<th>BASIC C.I.F. PRICE $ U.S AS SHOWN</th>
<th>AVAILABLE EXTRAS</th>
<th>EXTRA COST {add to basic C.I.F. price}</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><strong>JOVIAN</strong></td>
<td>Fully Geared 6 planet orrery, with 12 gears</td>
<td>$2,445.00 US</td>
<td>Sterling silver Planets, Moons, rings of Saturn</td>
<td>$250.00 US</td>
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<tr>
<td></td>
<td></td>
<td>Matt finish on acid etched Zodiac/Calendar plate.</td>
<td></td>
<td>Brass Planets, Moons, rings of Saturn</td>
<td>$200.00 US</td>
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<tr>
<td></td>
<td></td>
<td>Five static moons, Earth and Jupiter.</td>
<td></td>
<td>Hand painted planets in the Hubble Telescope colours</td>
<td>$200.00 US</td>
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<tr>
<td></td>
<td></td>
<td>Planets are ivorine painted black and white</td>
<td></td>
<td>Silvered zodiac plate</td>
<td>$80.00 US</td>
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<td></td>
<td></td>
<td>Brass, Steel Ebonised wood</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Diameter of wooden top 12ins [300 mm]</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Height from top of orrery to table top 6ins [150mm]</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Length Saturn arm 14 ins [350 mm]</td>
<td></td>
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<td>2.</td>
<td><strong>ZODIAC JOVIAN</strong></td>
<td>Celestial art work Work beneath a glass insert into the Zodiac/Calendar plate</td>
<td>$2,725.00 US</td>
<td>SEE JOVIAN</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Planets, moons, as per Jovian</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>A copy of a planisphere can be used rather than what is offered</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Dimensions as per Item # 1.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>SIMPLE JONES</strong></td>
<td>Description</td>
<td>Price</td>
<td>Additional Information</td>
<td></td>
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<td>3.</td>
<td>Drum orrery 6 planets with 12 gears and 5 Moons which can be adjusted by hand via straight arms. Acid etched Zodiac/Calendar plate.</td>
<td>All brass. Drum 2 ins {50.00 mm} deep lifts off for transport and legs fold in. Diameter brass top 9 ins {230 mm} Height from top of orrery to table top 12 ins {300 mm} Saturn arm length As per item # 1.</td>
<td>$3,850.00 US</td>
<td>Carrying case available SEE JOVIAN for planet details.</td>
<td></td>
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<tr>
<td>5.</td>
<td><strong>SOLAR SYSTEM MODEL KIT FROM ORRERYMAKER</strong></td>
<td>10 Brass Gears 1 worm and pair of Brass plates spaced and drilled for holding the gears. Full instructions and sketches. SUITABLE ONLY FOR EXPERIENCED MACHINISTS AND HOROLOGISTS.</td>
<td>$875.00 US</td>
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<td>6.</td>
<td><strong>BALTIMORE</strong> 9 Planet orrery driven by electric motor. Top display area at least three foot Ten inches [1200 mm] square is required. Or dome of two foot radius [600 mm].</td>
<td>All brass. Drum lifts off for transport and legs fold in. Dimensions as per</td>
<td>$12,500.00 US</td>
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<td></td>
<td></td>
<td></td>
<td><strong>US</strong></td>
<td>Brass Sun globe can be replaced With a coloured glass globe and a lamp inside, the Orrery then acts a shadow Orrery. Includes 12 volt transformer and two lamps Connector strip.</td>
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<tr>
<td>7.</td>
<td><strong>JONES</strong> Drum orrery 6 geared planets on brass stand, with 11 Moons which can be adjusted by hand.</td>
<td>All brass. Drum lifts off for transport and legs fold in. Dimensions as per</td>
<td>$5,000.00 US</td>
<td>Electroplated silver Zodiac/calendar plate SEE JOVIAN. Custom fitted mahogany.</td>
<td>$80.00 US</td>
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</tbody>
</table>
tapered planet arms, with balustrade supports to the planets. Over 200 hundred teeth cut in top plate

Simple jones carrying case. French polished. Or from Australian hardwood. The top drum section and legs come apart and fit into the customised box. With the planet arms.

12 ins by 12 ins by 15 ins deep {300 mm by 300 mm by 380 mm}

| 8 | ISABELA | Armillary sphere Based on the Dutch example #ASTO625C. In The National Maritime Museum Collection at Greenwich london See pp 165,510 “GLOBES AT GREENWICH” | $7,500.00 US Height 2 feet 600 mm Diameter Horizon ring 14 ins 360mm. Legend in Latin and Greek With functioning compass at the center of the Dutch wind rose. Legs from castings coated with gold leaf. Earth shows the precession of the poles includes the Sun and Moon |
| 18. | **UPDATED REPLICA TROUGHTON**  
……now includes better periods for the moon at 12.36642 per solar year  
Nodal annulus rotates backwards to show regression of the nodes at 18.36 model year.  
As was done by Mr Troughton in 1800 the armillary sphere zodiac ring and other important indicators are now silvered.  
Orrery and combined Lunarium, Tellurian. | Brass, steel  
Solid mahogany  
French polish.  
Diameter of 12 sided box 12 ins [300 mm]  
Height to horizon  
Ring from table top 6 ins [150 mm]  
From top of half armillary sphere to table top 12 ins [300mm] | $6,500.00 | This is the first ever copy of the only orrery made by Edward Troughton in 1800.  
Copied with permission of the SCIENCEMUSEUM London who gave me access to the original.  
So I could take accurate Measurements. |
| 20 | **CANNON SUNDIAL**  
Brass and Marble with glass focusing lens. or plain brass base plate. | $285.00 | Comes with chart for setting to the signs of the zodiac.  
Designed for your latitude  
The hour positions are indicated by brass buttons and stamped with the hour figure.  
Cannon 5 inch 125 mm long.  
Engraving into the marble is extra, the characters can then be filled with red, black or green paint.  
Can be gold or silver plated apply for price. diameter 23 mm.  
Extras; Engraved Equation of time brass correction plate  
Your family motto, crest.?  
Compass.?  
Circular brass disc can be supplied rather than the marble please apply. |
| 23 | **RETTIG**  
Anodised black | $15,500.00 | |
| 9 planet motor driven orrery for full specs request Manual | Aluminium
Gold leaf.
Brass gearing |   |   |
|-----------------------------------------------|-------------------------------------------------|---|---|
| Remote control station | Diameter of
Zodiac plate
One foot ten inches [ 558 mm ] |   |   |
|                             | From top of zodiac plate to the floor
Three foot 3 ins. [ 1000 mm] |   |   |
|                             | Dia, of bottom
Supporting plate
Four feet [1.200mm ] |   |   |
| **Pocket orrery** | Mahogany base
4 inch dia  100 mm
Earth is semi precious stone
Lapis lazuli
Moon rotates around the Earth in
12 lunations per solar year
Mercury and Venus are moved by hand. basic
Zodiac scale.
Brass Sun and 3 gears and 1 pinion | $385.00 |   |
| James Short Telescope Minature | 1/15 scale model of the 2 foot Gregorian telescope taken by James Cook in 1769 to view the Transit of Venus All brass. | $475.00 | Telescope rotates through azimuth 360 degrees. Can also move and up and down on the meridain Tube 3-3/4 inch horizontal Height 2-3/4 inch |

**NEWS UPDATE**

**JOVILABE. Number 21** in the catalogue images show painted planets and **Jovilabe** under construction

**Jovilabe** can be supplied in a brass drum **Jones** style format or as shown in the catalogue mounted on a larger **Zodiac** type base.

**PLANETARIUM**

A two stage gear box drives the orrery as a planetarium. All the planets rotate around the Sun in their correct periods while the Earths moon rotates in a lunar month.

The second option is when the above drive is dis-engaged and the Moons of Jupiter and the Earth rotate in one day per model year.

**Also incudes a Lunarium.**
Moon rotates around the Earth in its correct lunation period. Nodal regression of the moons nodes are shown with in 18.6 model years.

**Plus a Tellurian**
Demonstrates the motions of the Earth and its diurnal motion one turn of the crank wheel rotates the Earth in 365-1/4 days per model year on its inclined axis of 23-1/2 degrees.

**$17,000.00 for Brass drum mounting**

*Same as above but mounted on a larger version of the Zodiac wooden base and three legs
$16,500.00

*The all up total C.I.F. price that’s cost, insurance and freight, is included in the price of $16,500.00 {BASED ON SHIPPING TO THE U.S. } in a wooden box from ½ inch M.D.V. glued and screwed.
For safe passage JOVILABE is packed into a fitted box like a microscope case, to stop damage to the moons of Jupiter assembly and the Lunarium and Tellurian.

Weight about 35 pounds.

For other locations WORLD WIDE please enquire.
Full specs available as an attatchement!

EXTRAS Two asteriods, gearing to Saturn for 5 of its moons !!!!!!!! Ask for the added cost..

TERMS AND CONDITIONS
Local Custom duties may apply in your country.

Allow 8 weeks for the semi –production standard models like Jovian. Simple Jones 12 weeks. With extras allow extra time.
One off special items may take up to 6 months.

Add about 4-5 days { for the international courier can vary depends on time of year } from pick up in Melbourne, Australia to your street address on top of the fabrication time.

Payment is via Electronic Transfer there are no arrangements for credit cards, I will pay the bank charges for the transfer.

A third deposit { non refundable in cash or in partly completed goods} is required before work starts in case you change your mind

Larger items will need a progress payment based on photographs taken when two thirds of the work has been completed.
The balance outstanding is to be paid into my bank account before shipping to you.

I will refund your cash if for some reason I am unable to finish the instrument
Workmanship is good on all gearing for 12 months from date of delivery.
On condition that the owner or a third party have not attempted repairs ANY DAMAGE WILL BE ASSESSED BY ORREYMAKER.

In 15 years there has never been a situation where I have been unable to finish an orrery.

There are always current projects in progress,

Do enquire to see whats on the drawing board.

PRICE LIST IS GOOD FOR THREE MONTHS www.orreymaker.com