

THE SEA CLOCK



the motion of a ship and still maintain high accuracy. John Harrison and his brother James, who were originally carpenters, built a series of such clocks for test purposes and their first model was named "H.1" This clock was made mainly of wood and weighed some 72lb. It incorporated several revolutionary features, notably a "Grasshopper" escapement and 2 dumb-bell pendulums.

Our clock is a modern version of the H.1 - but weighing only 12lb (5.5kg). We have retained the "Grasshopper" escapement and the dumb-bell

pendulums, and still use a special wood - Lignum Vitae - for the pallets. The drive is our own 8-day spring-wound movement. The clock is supplied complete with a mahogany base and wood framed glass case. The kit only requires hand finishing of the surfaces to individual taste.

This beautiful clock currently comes as a single kit for you to build. It will grace any home, with the added pride of ownership that comes from knowing you actually built it! Please refer to our current price list for payment details.

After many shipwrecks arising from navigational errors, Parliament in 1714 passed the Longitude Act offering a reward of up to £20,000 to "...such person who shall discover the Longitude". One method was to devise a clock which could withstand



Approximate dimensions: 10.5" (26cm) width x 7" (17.5cm) depth x 15" (37.5cm) height.

THE CONGREVE CLOCK



devised. The Rolling Ball Clock was patented by Sir William Congreve in 1808. (A copy of the original specification is included with each clock).

The basic concept is that the ball takes 15 seconds to run down the zig-zag track where it trips the escapement which reverses the angle of the tray and cause the clock hands to move forward correspondingly.

The clock is supplied with a mahogany framed glass case, a green marble base is an optional extra. The kit only requires hand

finishing of the surfaces to individual taste. This beautiful clock currently comes as a single kit for you to build. It will grace any home, with the added pride of ownership that comes from knowing you actually built it! Please refer to our current price list for payment details.

The Congreve clock is perhaps one of the most fascinating timepieces ever



Approximate dimensions: 12" (30cm) width x 8" (20cm) depth x 13" (32.5cm) height.

THE ORRERY CLOCK



Named after Charles, Fourth Earl of Orrery in 1716, this clock has, in fact, two movements. The timepiece shows time on horizontal revolving dials and is linked to the upper planetary

train—the Orrery movement. This shows six planets which are geared to rotate exactly as in nature:-

The Earth	-	365 days
Mercury	-	87 days
Venus	-	229 days
Mars	-	689 days
Jupiter	-	4339 days
Saturn	-	29.5 years

(a setting chart is provided giving the locations for each planet on the 1st of the month).

Both movements are wound by a single key incorporated in the mahogany base. They have an 8-day running time.

The clock comes as a single kit easily assembled at home with the tools supplied and only requiring hand finishing and polishing.

Please refer to our current price list for payment details.

Dimensions: Height 17" (43cm), Base dia. 7" (18cm), Weight 7lbs