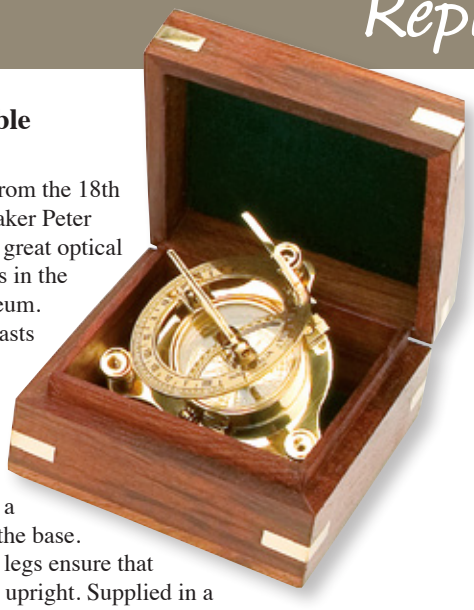
Miniature Portable Dollond Sundial



Inspired by a design from the 18th century instrument maker Peter Dollond, founder of a great optical empire. The original is in the London Science Museum. The gnomon, which casts the shadow, can be set for latitude on a sliding scale; and the whole instrument oriented in the meridian by means of a magnetic compass in the base. The height-adjustable legs ensure that the instrument is used upright. Supplied in a box measuring 9cm square, 6cm tall.

4559 Brass Sundial in Box, 9cm.

Portable Sundial

Although not intended for accurate timekeeping, our portable sundial is a complete, functional replica of an 18th-century design in which the gnomon, which casts the shadow, can be set for latitude on a sliding scale; and the whole instrument oriented in the meridian by means of a magnetic compass in the base. A spirit level and height-adjustable legs ensure that the instrument is used upright. This enabled the instrument to become a completely portable time-keeping device in an age before the pocket watch. Antique-effect case measures 9cm diameter.





7295 Portable Sundial with Compass, Antique Finish, 9cm.

Brass Pocket Sundial

The gnomon on this pocket sundial is set for latitudes around 50°N, so will be most accurate in the south of England, northern Europe, Canada and so on. At these latitudes this is a functioning time indicator (in as much as sundials ever were!). Diameter 7cm, height 3cm. Chunky solid brass.



4568 Brass Pocket Sundial, 7cm.

Campbell Vernier Sextant



Our replica Sextant is dedicated to Royal Navy Captain John Campbell, who developed the instrument from its predecessor, the Octant, in 1757. Crucially his invention was close in time to that of accurate, portable chronometers, and it was the combination of the two which finally made navigation a science rather than guesswork, saving countless lives. This importance gave rise to the air of mystique which surrounds the instrument and its use, even in today's age of electronic wizardry.

Campbell Vernier Sextant

Detailing is impressive, with hardwood handle and protective box, six shades of varying intensity, and a powerful telescope. Fully functioning parts but not intended for navigation. Instrument 20x17cm, box 23x23x13cm.

4562 Campbell's Replica Vernier Sextant, 23cm.



Brass Sextant

Although not suitable for navigation, this replica brass sextant is a complete, functional example demonstrating the principles of how these instruments were made and used. Presented in a handsome polished hardwood and brass case measuring 14x8cm.

15649 Brass Sextant, 14x8cm.

