

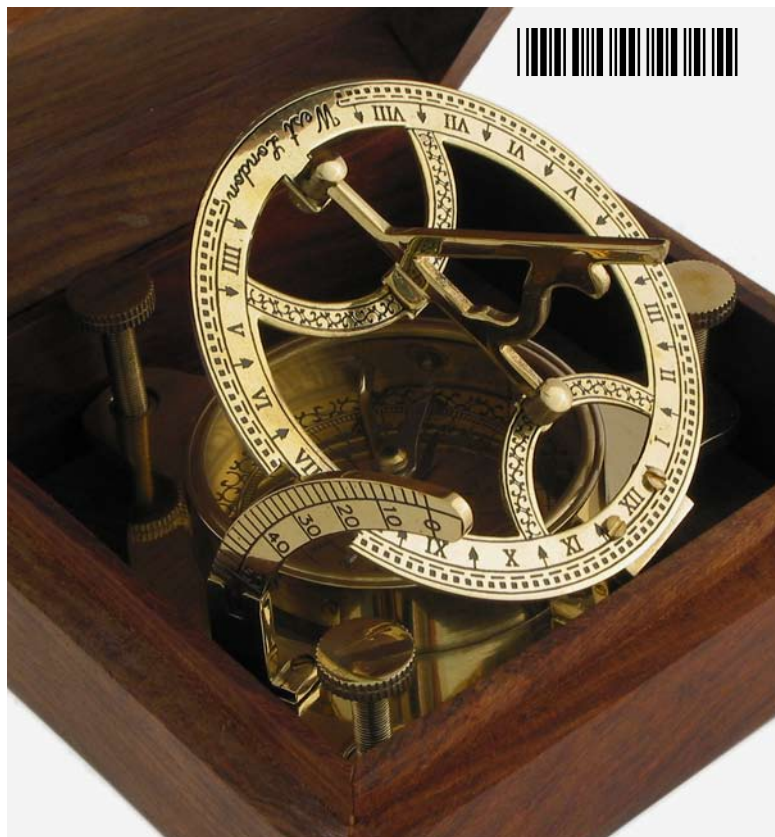
5212-BB3

Portable Sundial

Our portable sundial is a beautiful reproduction featuring an internal compass. The sundial itself is made of brass & folds down to fit into a brass presentation box. This is reminiscent of the sundials used by explorers & travellers of the past. The internal magnetic compass is used to orient the sundial to the north. The gnomon is set to the correct latitude by using the sliding scale. The gnomon then casts a shadow that marks the local time.

Minimum Purchase – 1 Pc

Box Measure – 7cm X 3cm



5212 Portable Sundial

Our portable sundial is a beautiful reproduction of the original, featuring an internal compass. The sundial itself is made of brass & folds down to fit into a hardwood timber presentation box. This is reminiscent of the sundials used by explorers & travellers of the past. The internal magnetic compass is used to orient the sundial to the north. The gnomon is set to the correct latitude by using the sliding scale. The gnomon then casts a shadow that marks the local time.

Minimum Purchase – 1 Pc

Sundial Size - 4" (10cm)

Box Measure – 14cm X 14cm X 5.5cm

The Octant was the predecessor of the sextant. The term 'octant' comes from the fact that the instruments arc covers $1/8^{\text{th}}$ of a circle ($=45^{\circ}$). The use of the mirror on the index arm multiplies this by 2, so an angle of up to 90° can be measured. The octant was the first successful double reflecting instrument. It was invented in 1731 by John Hadley.



5207-OCT4

Size - 4" (10cm) Supplied with wooden box with a etched glass lid.



5207-OCT10

Size - 10" (25cm)
Supplied with cotton bag

Vernier sextant

The 30cm (12") full sized vernier sextant is a replica of the original while the 10cm (4") sextant is a scaled down version. The originals however, are instruments of great accuracy. They allow seafarers to navigate with the aid of stars or a fixed celestial body and were indispensable to navigation in the days of sail. There have been many versions made over the years. Fundamentally they perform the same function & work in conjunction with an accurate chronometer (time measuring device) to navigate accurately.

They feature a detailed German silver vernier scale, fully adjustable mirror mounts, light shades and a slow motion control for fine adjustments. It is then nicely finished off with a polished hardwood timber handle. The sextant are presented in a military style hardwood timber box. The box is embellished with a fouled anchor motif on its lid & has brass corners with a heavy brass latch to lock it shut. In an unfortunate turn of events, if all electronics on a vessel were to fail, a precision crafted sextant would unfailingly come to the rescue.

IMPORTANT NOTE - These sextants are made with every detail in mind, however they are not precision calibrated instruments, hence they are not suitable for serious navigation. At no point in time would we recommend that they be used for that purpose. Minimum Purchase – 1 Pc



5208 - 30cm (12") Vernier Sextant

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