

SA705538

Victorian Cased Mercury Trough Type Artificial Horizon by John Crichton of London

Price

Sold**Item Reference: SA705538****Date of manufacture: 1850**

Dimensions

Height = 13 cm (5.1")

Width = 20 cm (7.9")

Depth = 15 cm (5.9")

Description

For sale, a cased mercury trough type artificial horizon by John Crichton, London. This example is comprised of a wooden trough with an ingenious system for filling the basin. The centre of the trough has a hole to the centre with a bone disc surround. This hole is connected through the base to the larger hole at the rim of the trough into which the threaded bone funnel is screwed as a means of pouring the mercury. The mercury would then fill the trough from the underside and would avoid any spills of the precious substance. A lip to one of the corners would then allow the mercury to be transferred back to the bottle with the same funnel inserted into the bottle. The boxwood mercury bottle has both a stopper lid which pulls directly from the top and a secondary plug inserted into the lip for additional protection. The black painted metal horizon roof is strongly constructed with glass viewing panels either side and is engraved to "Crichton, London" on one side. All of the separate parts are enclosed in a superbly patinated mahogany box with an equally ingenious fitted interior to ensure safe stowage during transit. It has the original lock and key with additional hook ...

Seller Details

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