

SA829446

Early Wollaston Type Camera Lucida by Thomas Rubergall London

Price

Sold**Item Reference: SA829446****Date of manufacture: 1800**

Dimensions

Height = 3 cm (1.2")

Width = 22.5 cm (8.9")

Depth = 7 cm (2.8")

Description

For sale a cased Regency period Wollaston type camera lucida by Thomas Rubergall, London. First produced by the eminent scientist William Hyde Wollaston in 1804 and patented in December 1806 (Patent No: 2993), the camera lucida was essentially a scientific solution to Wollaston's inability to draw during a picturesque journey through The Lake District. In operation, the instrument was fixed by the clamp to a surface with a sheet of plain paper below it, the effects of the lucida were produced by reflection of a distant object with the use of a four sided prism. The reflection was then viewed from above at the back edge of the prism and the image provided to the eye would then be traced on to the paper in an effective form of dual vision allowing the user to see both their hand and also the distant image in the same field. Wollaston also included both a double concave and double convex lens to his new invention to assist both short and long sighted users. The convex would rotated to a horizontal position underneath the prism whilst the concave would be elevated to stand vertically to the front as required. It also helped with the copying near and distant objects as did ...

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