



## CONSERVATION COPY STAND 6545



This specialist book cradle copy stand has been designed by **Manfred Mayer**, a conservation expert at Graz University in Austria.

IT PROVIDES THE BEST POSSIBLE IMAGE FROM THE MOST DIFFICULT TO HANDLE FRAGILE BOOKS.

The tilting frame, adjustable book cradle and gentle vacuum edge of page holding system, facilitates the capture of part open volumes that are very difficult to capture without damage. Laser alignment is used to maintain focus at any angle.

The Conservation copy stand can be adapted to take most cameras including digital scanning and array based systems.

### **Icam Archive Systems Ltd.**

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**To prevent vibration of the camera device during scanning or exposure, the floor must be very stable.**

**Detailed description of the main parts:** (See main picture overleaf)

**Most mechanical parts** are made of anodised aluminium (anthracite powder coated). All systems are engineered for the most reliable operation. The CCS 6545 can be taken apart to two main sections for transport.

**Camera Frame** movable in X-direction, i.e. parallel to the lines of the page by remote control of a precise driving motor. Note: the camera may be moved parallel to the spine of the book by hand.

**Z-Frame** motorised to adjust the distance between object and camera lens between (approx) 35 to 120 cm.

**Vacuum Support** for books with height of page up to 62 cm. For miniature books a smaller vacuum device is available.

**Book Cradle**, for volumes up to 65 x 45 cm (= dimension of book covers). Soft surface conservation material, independently adjustable angle of boards, adjustable gutter.

**Control Unit** (powers all electric motors) 220-240V 50Hz or 110v 60 Hz version available, complete with all cables and connections.

**Laser** Class A-Laser (1-3 mW) beam is employed to align the position of the book correctly. Automatic or manual switching.

**Vacuum Unit:** Easily movable, silent, 23 Kg, 60 x 55 x 70 cm, comes ready to use with long flexible tube. There is a remote control unit mounted to the vacuum support to reduce the suction during turning the pages.

### Specifications (Standard)

**Base Rack:** dimensions approx: 178 x 81 x 81 cm

**Tilting Frame** for camera systems up to 11 Kg: adjustable from vertical to 45° by remote control

**Lighting** free standing or may be attached to the frame (supplied separately or customer's own)

Approx. dimensions: 230 x 115 x 270 cm

Approx. weight: 80 kg

Min. space required: 4.2 x 3.0 x 2.7 m

Max. dimension of book cover: 65 x 45 cm

Max. thickness of book: 18 cm

Max dimension of flat document : 65 x 100 cm

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