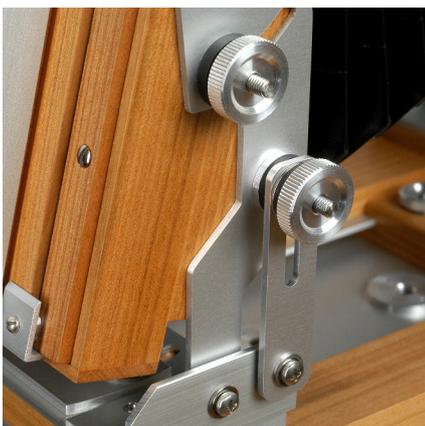


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Camera explorator III is a result of insistent development, many-many experiments and modeling. It combines the experience of many years in camera manufacturing and photographing with large format camera. During these years a camera was born that will offer the customer new and special features besides classic style.

An important feature of field cameras is foldability. Camera explorator III is also foldable, but it is not square shaped when folded, but rectangle. Though this increases the place the camera needs when being transported, however this design made it possible for the camera to have more features. The most difficult photographic challenges are solved by the numerous movements this camera offers. It is capable of everything a monorail camera should be capable of. Almost everything. It is short of one movement, namely, raise of rear. This movement would cause a loss of stability so much, that compensating it would result in a drastic increase of the weight and size of the elements of the camera. This way the explorator III became an extremely robust camera, being lightweight comparing to its design and features.

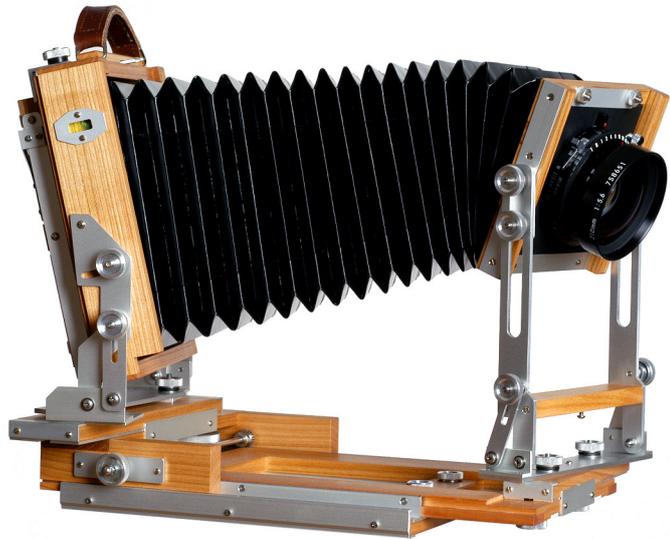
The camera is equipped with non-removable bellows that safely expands form the minimum to the maximum extension. The camera bed has double extension; the second one that holds the front is pushed forward to the desired distance, than it is to be locked.

Focusing is done bay rack and pinion drive, by moving the rear precisely. This design ensures that when using a wide angle lens, the bed of the camera will not get into the field of the image. By setting a mild base tilt of rear forward, 65mm lens might be used as well.

All movements are independent form each other. This means that the measure of tilt or swing will not change even when setting raise, fall or shift. The axis of swing and center tilt will remain in the axis of the front and rear, when setting raise, fall or swing (symmetrical movements).



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Movements of front:

- raise and fall: 30 – 30 m
- shift: 30 – 30 mm
- swing: 15 – 15°
- center tilt: limited only by the bellows
- base tilt: limited only by the bellows, however tilting forward is maximum 10°

Movements of rear:

- shift: 30 – 30 mm
- swing: 15 – 15°
- center tilt: 20 - 20°
- base tilt: limited only by the bellows, however only forward tilting is possible

Setting the movements is assisted by the tubular vials built in the front and rear and the circular vials built into the base of the camera.

The front of the camera has two designs. Firstly, it is made to be compatible to 97x99 mm Linhof lens boards, secondly 100x100 mm argentum lens boards also might be mounted. The maximum diameter of the rear lens element is 80 mm when using Linhof lens boards, and 75 mm when choosing argentum lens board.

The camera is made of cherry wood and black walnut. The surface of the wooden elements is treated by hard oil. The metal parts are made of silver anodized aluminum, the fixing screws are of stainless steel, other controlling screws are of natural aluminum.

Minimal extension in basic position:	75 mm
Minimal extension when base tilting the rear forward:	65 mm
Maximum extension:	440 mm
General weight of body made of cherry wood without back: (An 4x5 inch back weighs app. 0.4 kg with ground glass.)	2.4 kg
The dimensions of the body when folded: (Without knobs and back.)	255x190x90 mm
The dimensions of the camera when folded: (With knobs and spring back type 2.)	255x230x110 mm
Tripod mounts:	3 pieces, 3/8 inch