quickPX extended

Setup

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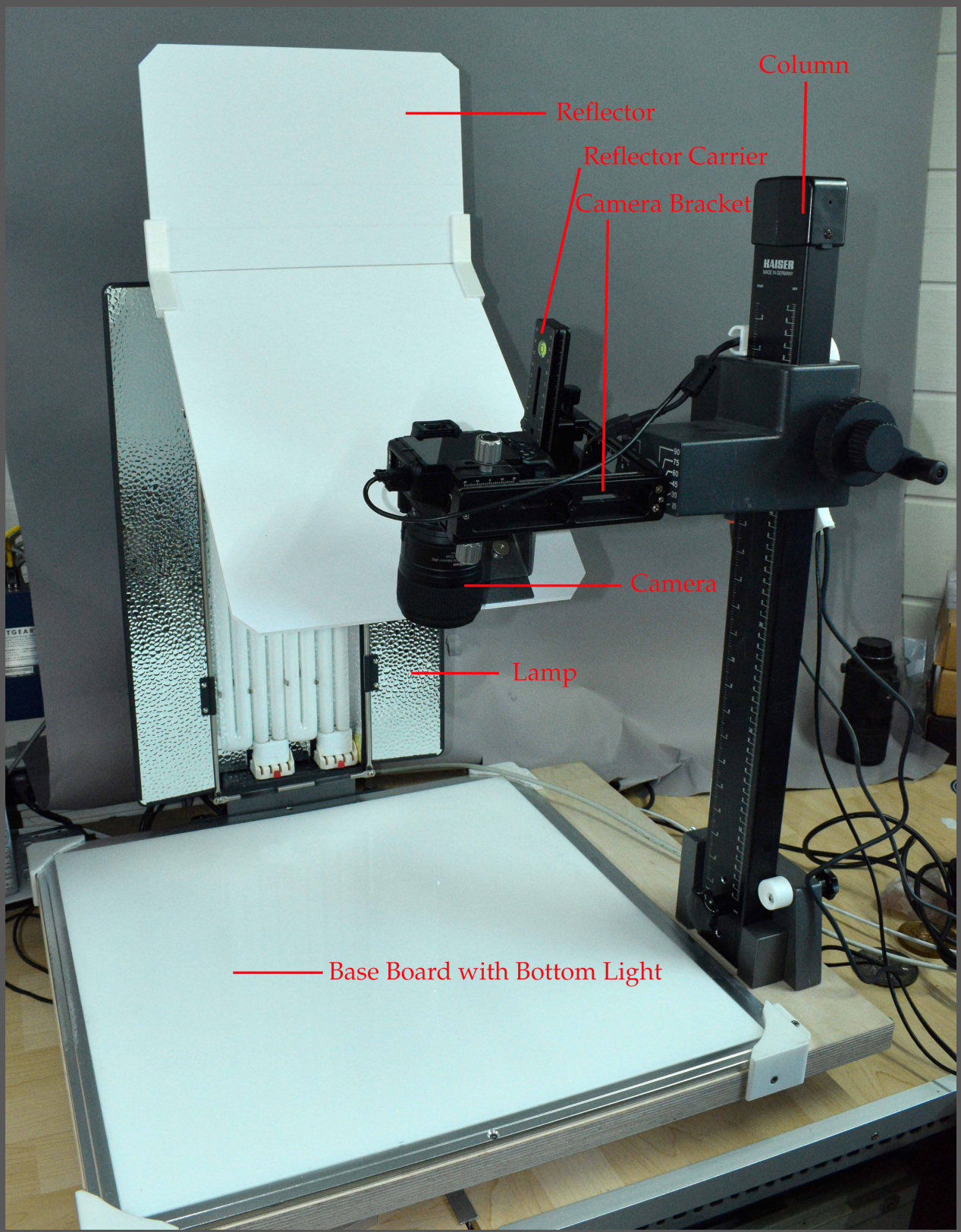
1. Overview

The following picture (*fig. 1*) shows the complete Setup of the QuickPX extended system. All seperately delivered parts (except cables) are labeled.



(fig. 1)

2. Setup

2.1 Basic Board with Bottom Light

Put the Basic Board on a stable, flat, level surface. Keep in mind to point the lamp bracket away from you and the column socket on the right side of the Basic Board towards you.

2.2 Lamp

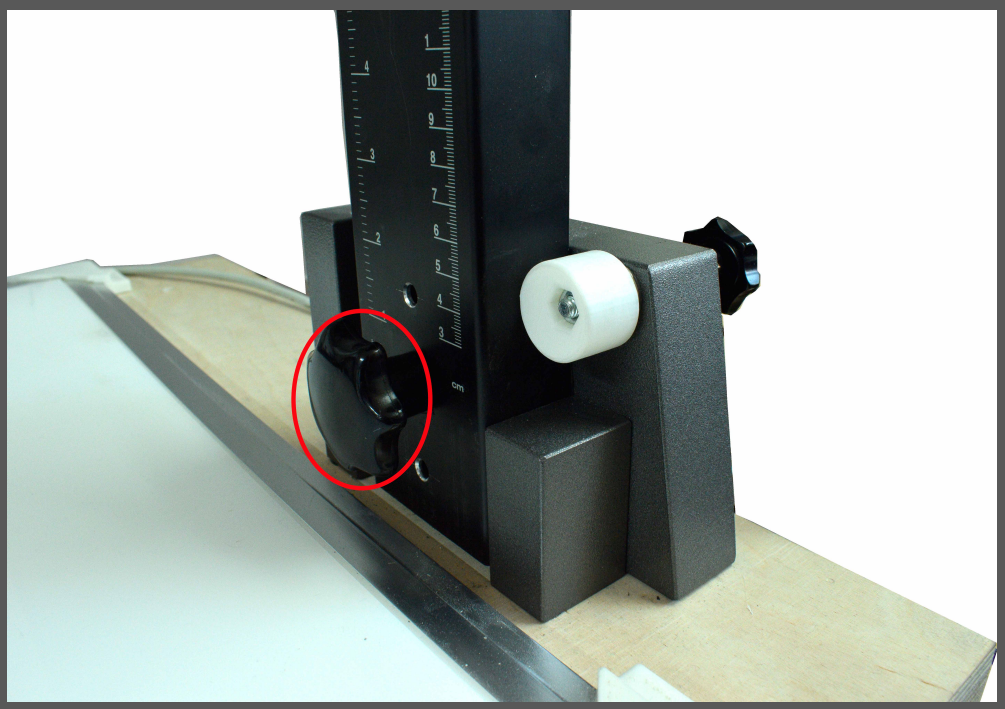
First open the lamp and remove all the pieces of foam material as they are only included for delivery savety reasons
If necessary remove the yellow protective foil from the inside of the lamp. To achieve that you first have to remove the lamps by pressing the red buttons on the lamps‘ sockets an then pulling them out carefully.
As soon as you have removed the foil, insert the lamps again.

Now stick the grey extension at the bottom of the lamp into the allocated socket on the rear side of the Basic Board and tighten it with the two star grips on the socket. (*fig. 2)*.

(fig. 2)

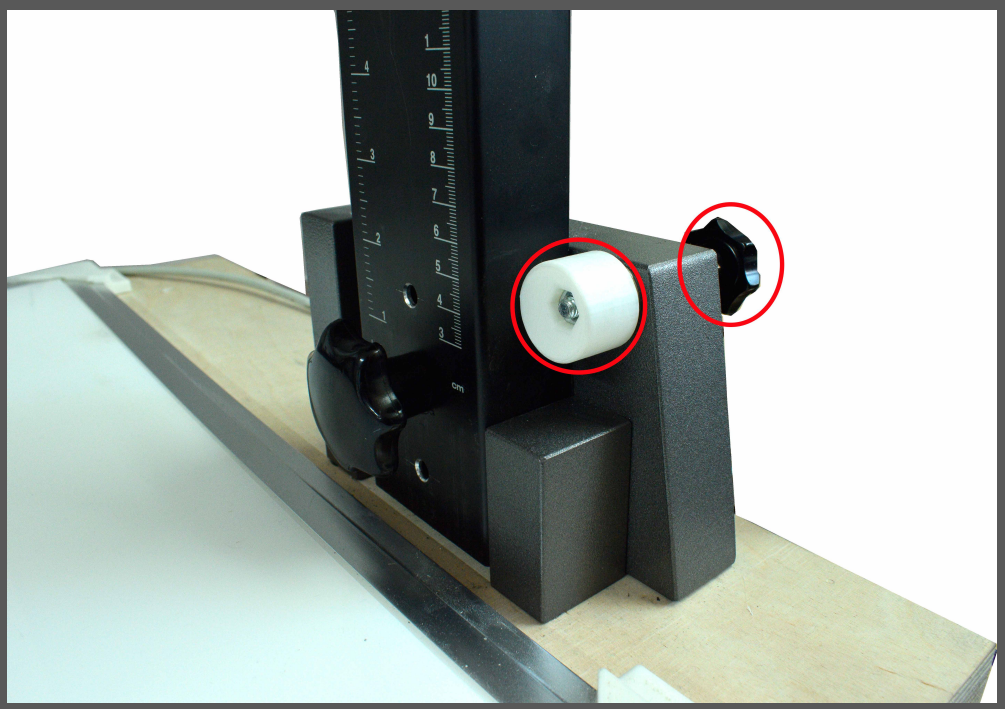
2.3 Column

Put the column into the socket on the right front side of the Basic Board and tighten it with the big star grip (*fig. 3*).



(fig. 3)

Now push the white extender (*fig. 4*) against the column to retain it and tighten the extender with the smaller star grip.

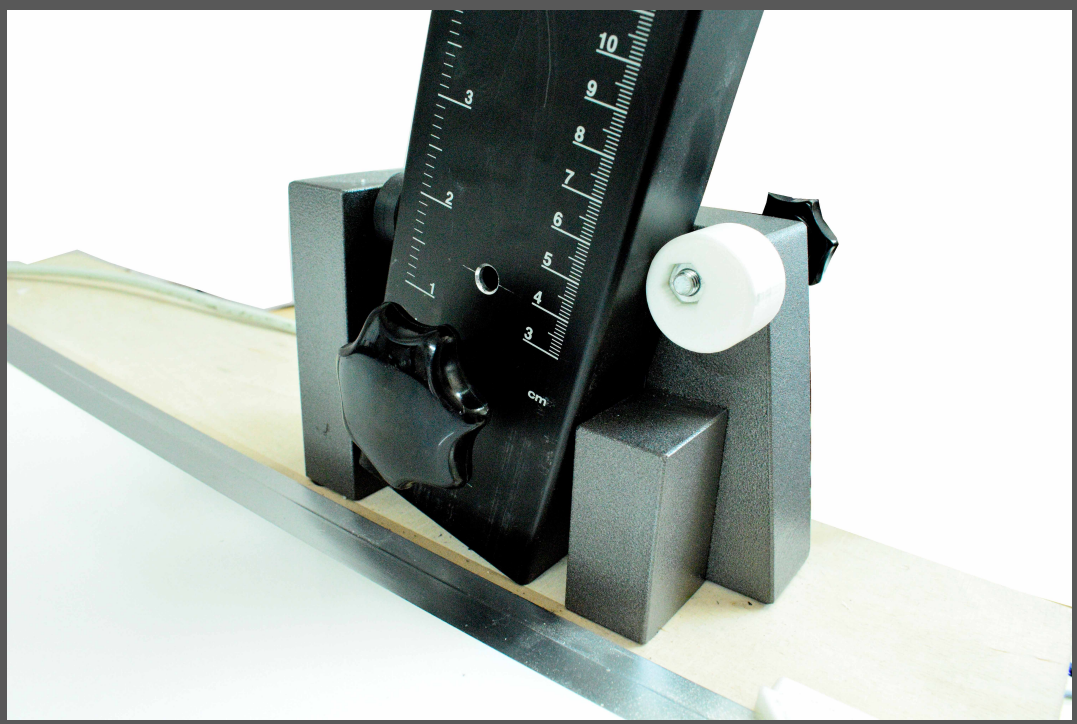


(fig 4)

You can also tilt the column. This can be beneficial when photographing with changing distance (i.e. when taking pictures of objects alternating in size), because you keep the perspective and in turn don‘t have to move the object. This especially comes in handy if you have to take photos of very large objects which can‘t be moved because there is no sufficient space. When you tilt the column you should however rotate the camera to a fully vertical position.

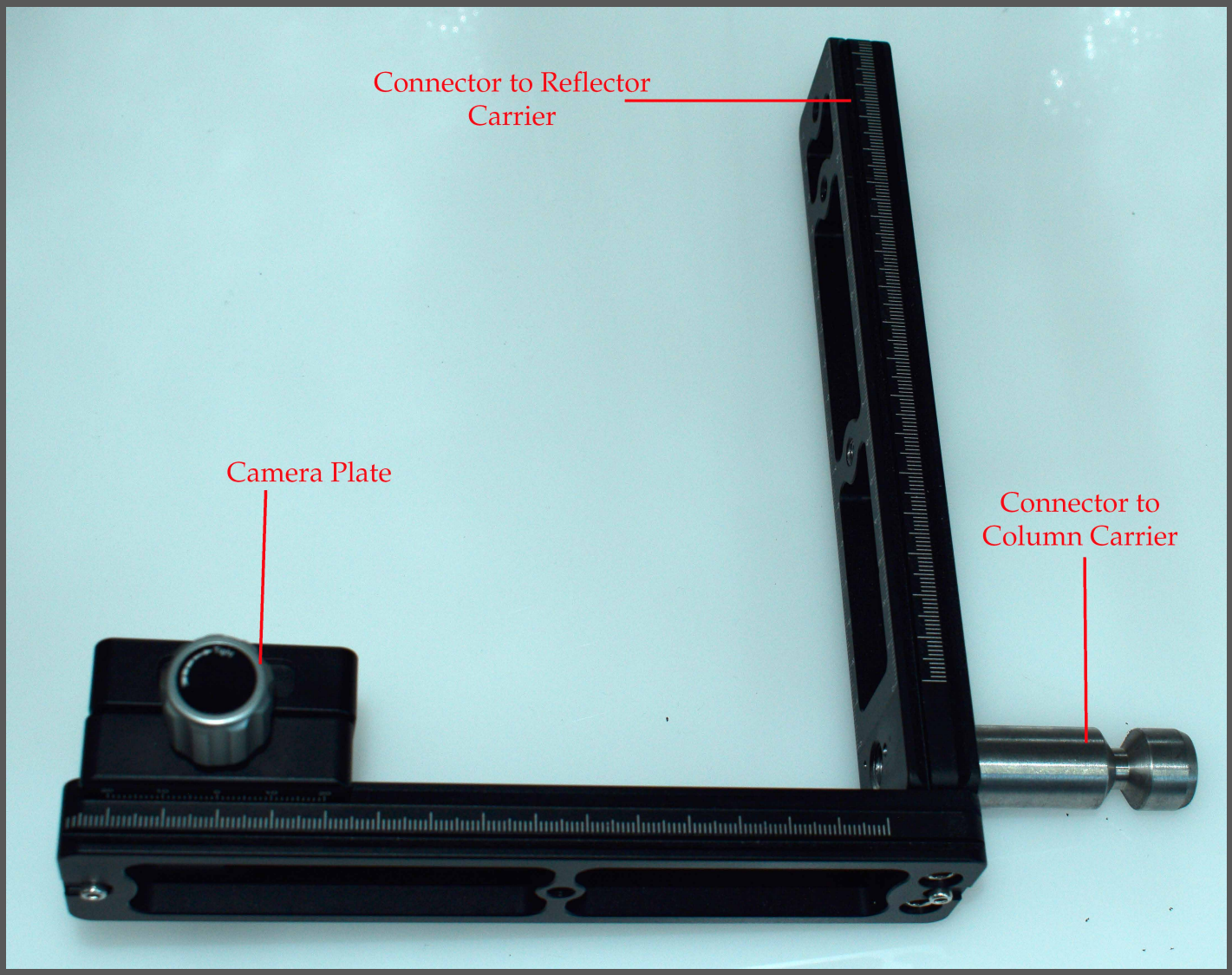
Please note: In normal use with a vertical column the camera is usually tilted by 12 degrees. A setup with a vertical column and a vertical camera only makes sense in special cases, i.e. if you want to completely avoid any distortion of the objects (when photographing documents for example), if you want to achieve a maximum in focus for the whole lenght of the object or when using a shift-lens.

To tilt the column, slightly untighten the retaining star grip of the column, then untighten the star grip of the white extender and tilt the column in its direction (fig. 5). If you are satisfied with the columns tilt, push the extender against the column and tighten it with the star grip. Then also tighten the retainer star grip of the column.



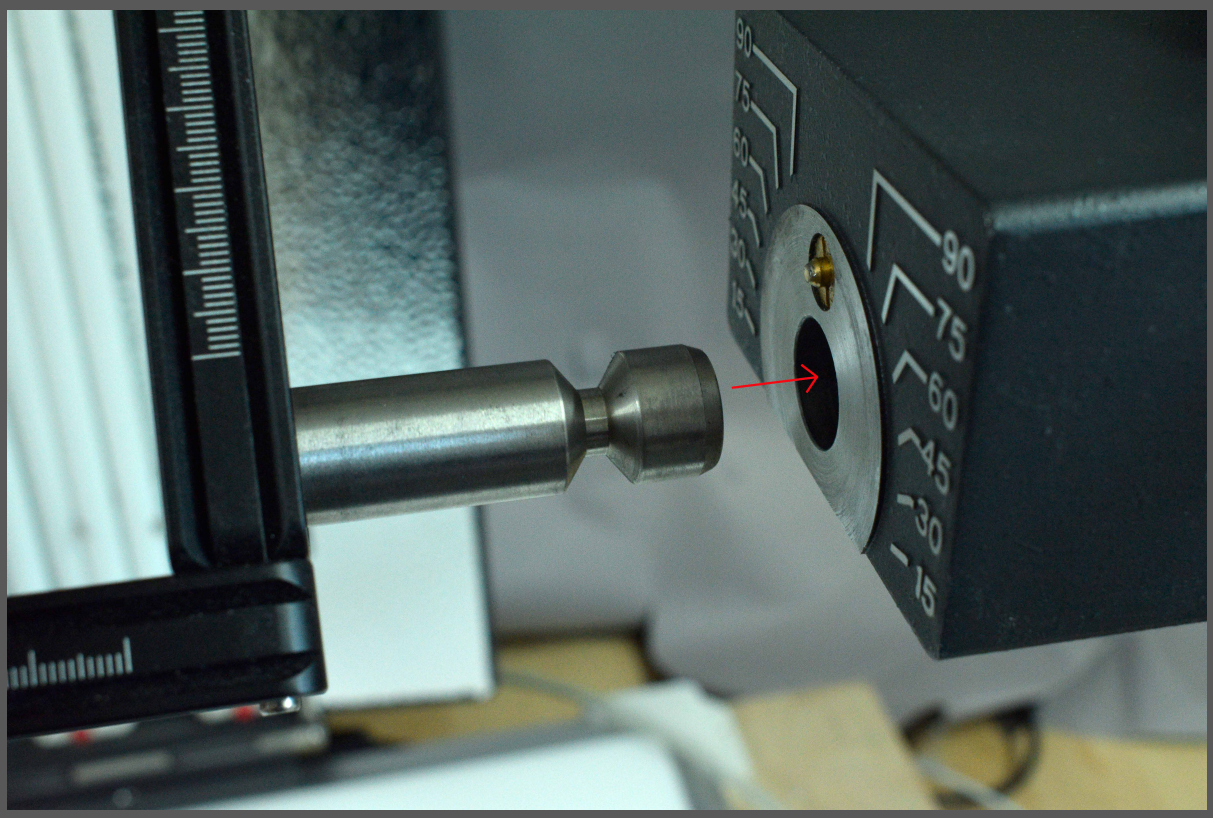
(fig. 5)

2.4 Camera Bracket



(fig. 6)

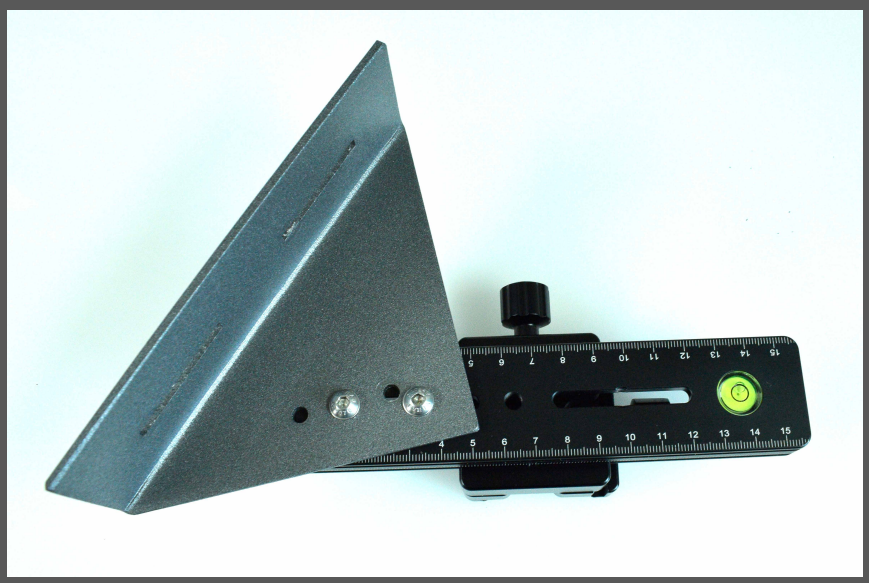
Hold the Camera Bracket as depicted in *fig. 6,* so the Connector to the Reflecor Carrier faces away from you and the Connector to the Column Carrier points to the right. Now insert the Connector into the opening on the Column Carrier (*fig. 7*). Here you can determine the tilt of the camera as you please. There are however two lock in points for the most widely used tilt angles („vertical“ and „12° tilt“). Are you satisfied with the cameras tilt angle, tighten the Camera Bracket with the grip at the back side of the Column Carrier (*fig. 8*).



(fig. 7)

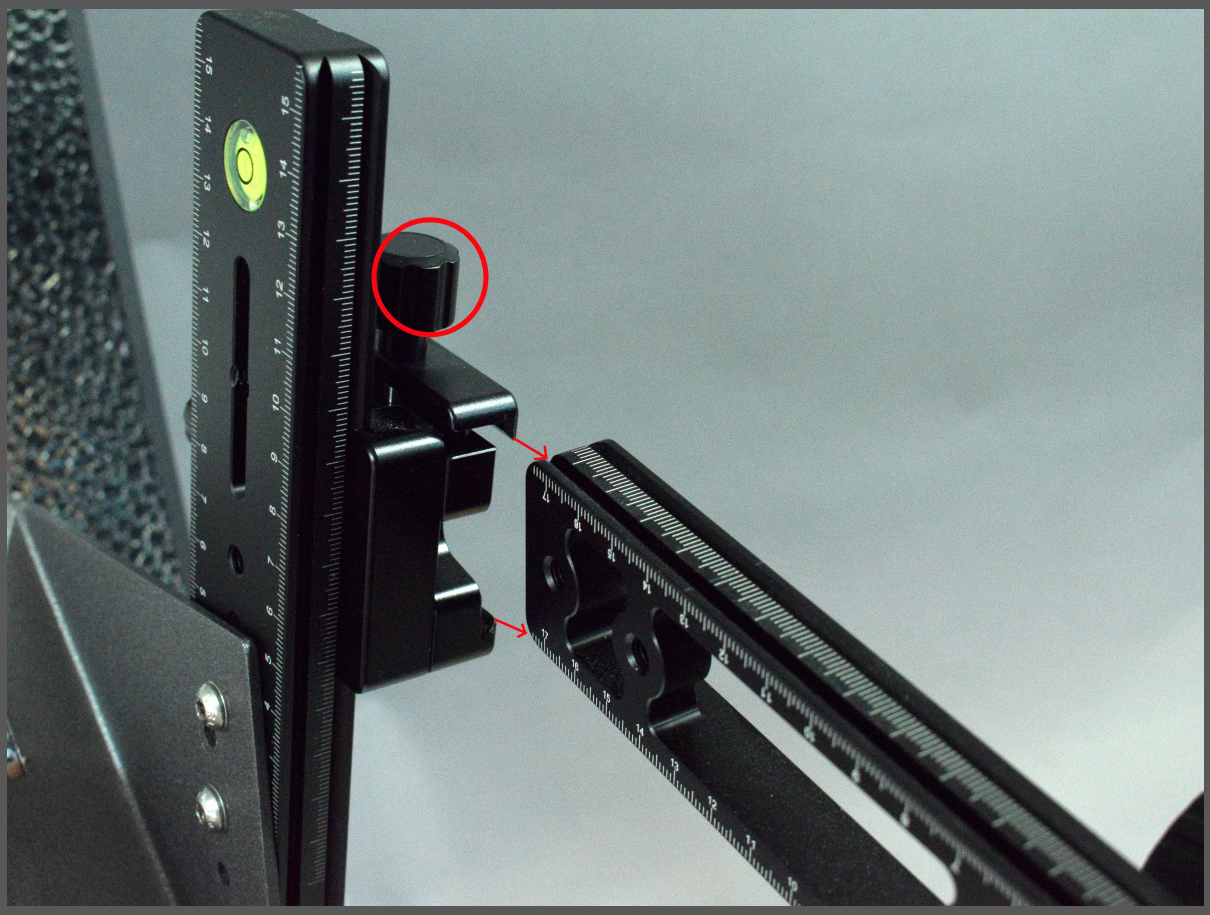
(fig. 8)

2.5 Reflector Carrier



(fig. 9)

Hold the Reflector Carrier, so the level points upward and the Connector to the Reflector faces away from you. Then slide the clamp from behind onto the Connector on the Camera Bracket and tighten it with the grip (*fig. 10)*.

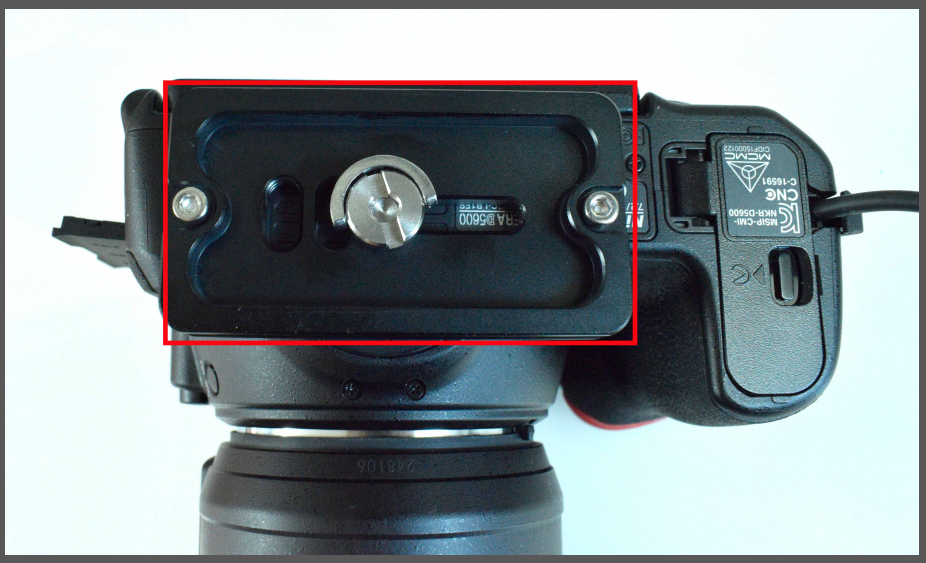


(fig. 10)

2.6 Camera

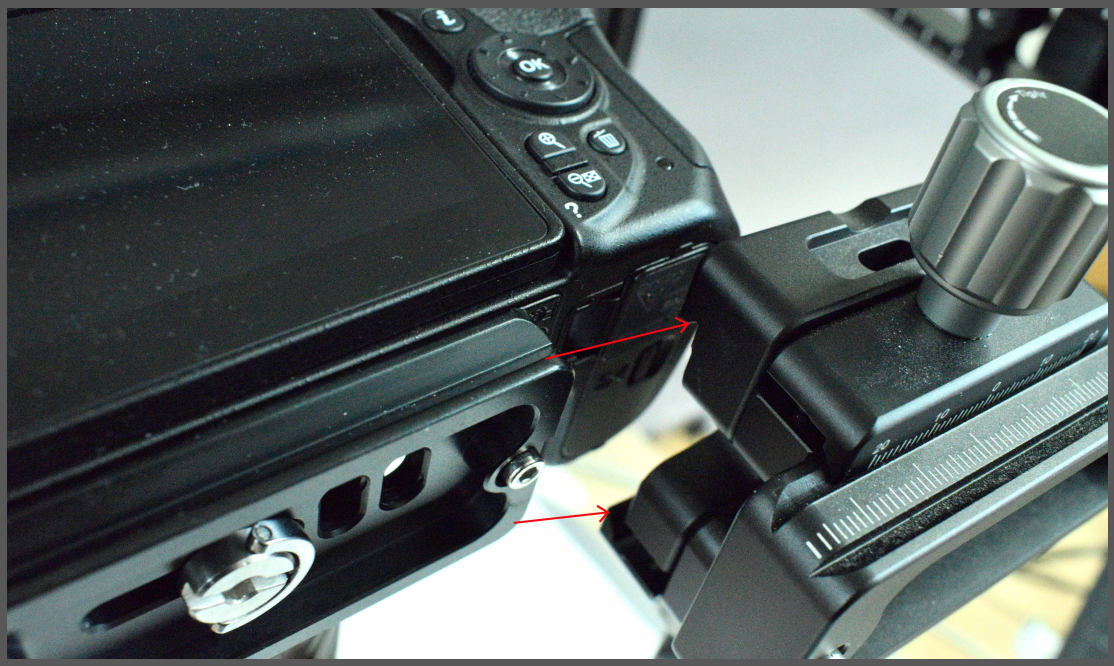
First connect the Camera Plate to the camera (*fig. 11 and 12*).

(fig. 11)



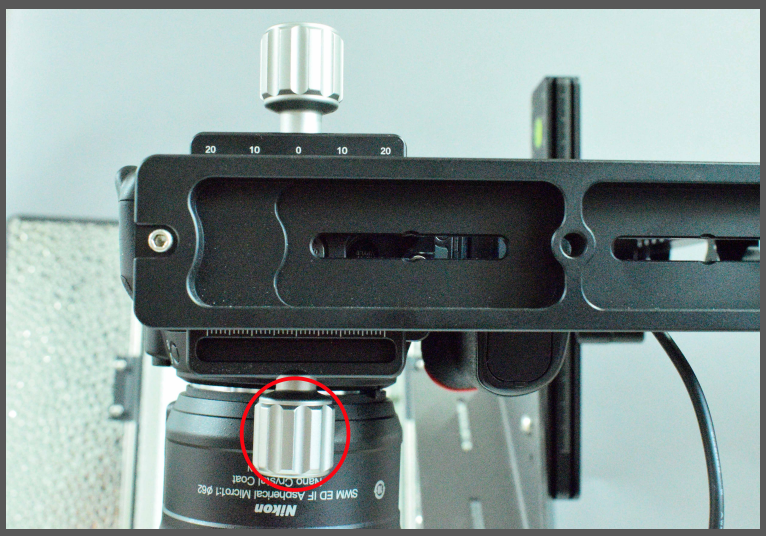
(fig. 12)

Now slide the Camera Plate from the left onto the Camera Bracket until Camera Plate and Carrier gear into each other (*fig. 13* and *14*). Tighten it now by using the grip **at the bottom** of the bracket. (*fig. 15*). You can use the grip at the top of the bracket to move the camera alongside the bracket.



(fig. 13)

(fig 14)

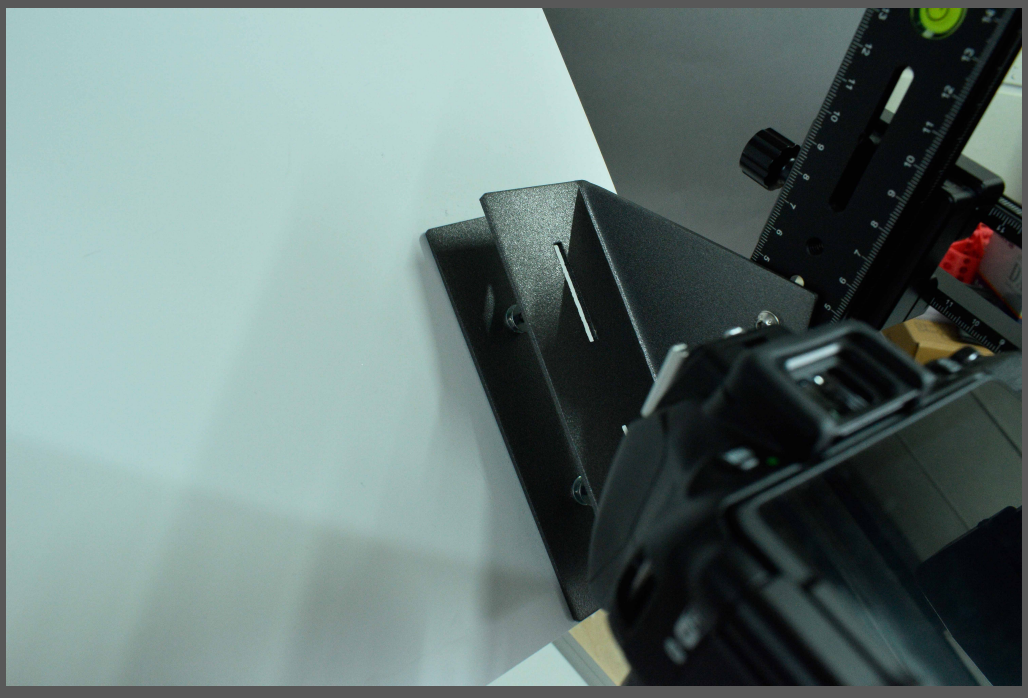


(fig. 15)

2.7 Reflector

Point the grey connector piece on the top side of the reflector from below towards the grey connector piece on the Reflector Carrier so the screws go through the slots (*fig. 16* and *17*).

(fig. 16)



(fig. 17)

Put the washers now onto the screws (fig. 18) and then screw the knurled nuts gently on them (*fig. 19*).

(fig 18)

(fig. 19)

Now you can adjust the reflector. Untighten the grip at the top of the Reflector Carrier to slide the reflector to the front or to the back. Untightening the grip at the back of the Reflector Carrier lets you move the reflector up or down. When you are satisfied with the positioning of the reflector tighten the grips again. (*fig. 20*)

(fig. 20)

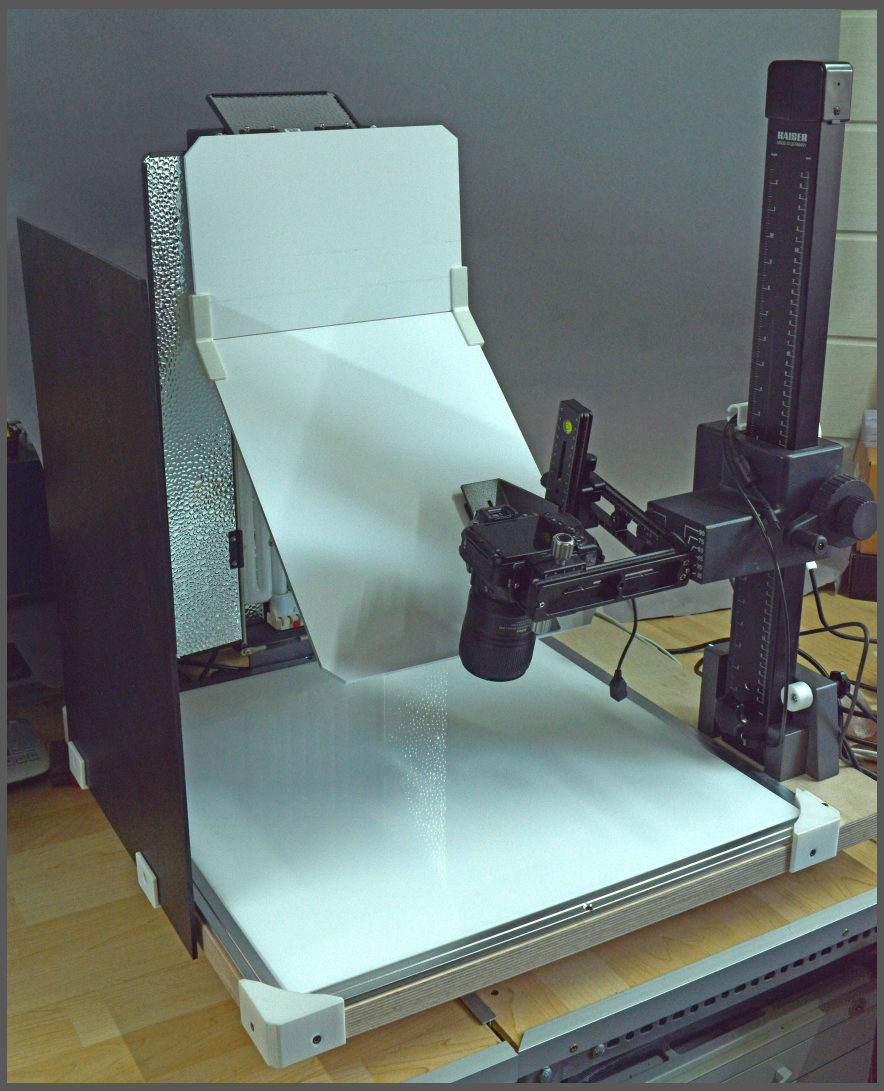
The exact adjustment of the reflector can only be done later when using the QuickPX software. You can however simplify it by adjusting the reflector now so that it extents into the view of the lens and almost touches it. (*fig. 21* and *22*). That you way you have to move the reflector only slightly on the horizontal axis later.

(fig. 21)

(fig. 22)

2.8 Glare Shield

If necessary stick the glare shield into the slots on the left side of the basic board. (*fig. 23* and *24*).



(fig. 23)

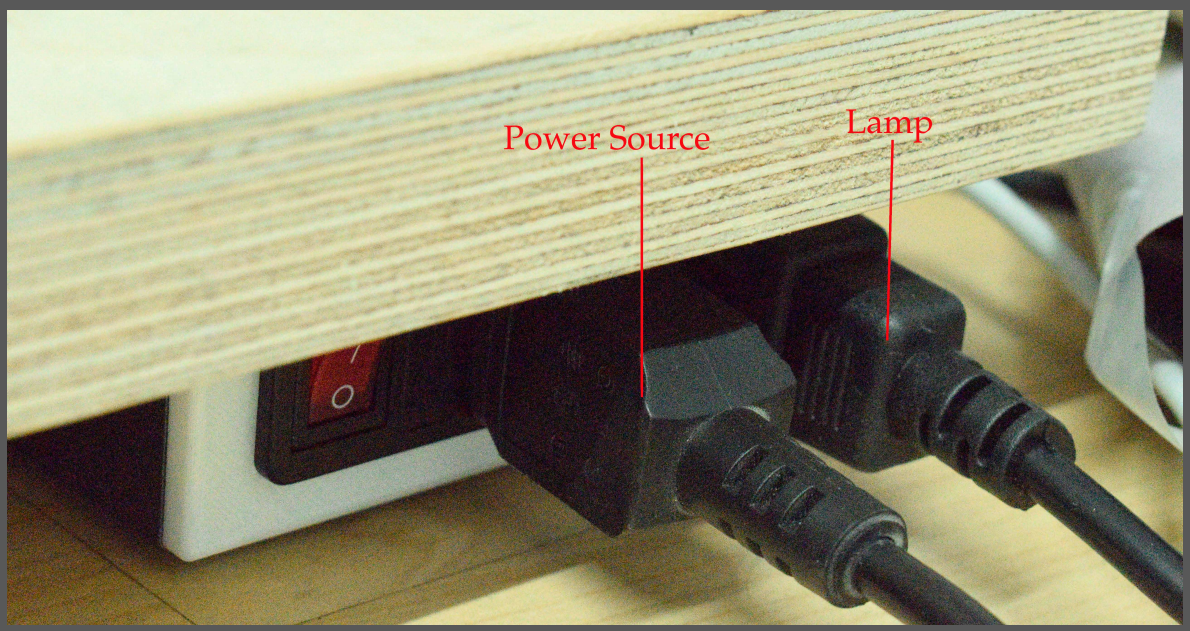
(fig. 24)

3. Cabling

3.1 Lamp

Stick the Double rubber connector (*fig. 25*) into the slot at the backside of the lamp and run the other end to the connector at the right rear socket of the Basic Board. (*fig. 26*)

(fig 25)



(fig 26)

Now stick one of the USB-cables‘ square-shaped End into the slot (*fig. 27*) at the back of the right rear socket of the Basic Board and connect the other end with an USB-port of the PC you want to use for QuickPX.

(fig. 27)

3.2 Basic Board with Bottom Light

Stick the other rubber connector into the remaining free socket at the right rear socket of the basic board (see *fig. 26* on the prior page) and connect the other end to the power supply grid.

3.3 Camera

Your camera should already be equipped by delivery with an EP-5A or an EP-5B Power Connector. If that is not the case, put it into the battery compartment of the camera first.
Connect the matching end of the camera power supply cord into the slot on the battery compartment cable. Then run it (without stretching it) over the column, through the cable routing tunnel (*fig. 28*) and connect it to the power supply grid.

Connect the cameras USB-cable with the slot on the right side of the camera (*fig. 29*). You may have to open the plastic cab on the camera first. Now run the USB-cable just like the power supply cable over the column, through the cable routing tunnel (*fig. 28*) and connect it to an USB-port of the PC you want to use.

(fig 28)

(fig. 29, exact layout may differ depending on camera model)

3.4 Column

Connect the remaining USB-cable to the slot on the bottom side of the column carrier (*fig. 30*) and stick the other end into an USB-port of the PC you want to use QuickPX with.

(fig. 30)

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