

View camera

Pico

A new standard
for high resolution photography





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Pico sets the new standard for view cameras for use with very high-resolution sensors.

In a process fully in keeping with ARCA-SWISS philosophy, 100 years of passion and experience in the design and manufacture of cameras have been concentrated into the new, state of the art Pico view camera.

Philippe and Martin Vogt's legacy, Samuel Vogt's passion and the expertise and enthusiasm of the ARCA-SWISS teams have been brought together to produce a new compact, user-friendly and supremely flexible tool designed to meet the demands of modern photography.

With controls for tilt and swing at the front and shift at the rear, Pico provides superb control of the focusing plane for users of digital backs and mirrorless camera bodies, offering endless possibilities for creativity.



Efficiency in Movement

For over a century, ARCA-SWISS has constantly sought to provide photographers with the best equipment and service possible: with Pico, the company has broken new ground.

Our precision manufacture of self-locking movements has been carried to a higher level, and now offers even greater stability and precision for unequalled ease of operation.

Exceptional Rigidity

The patented Pico concept is unique by limiting the number of moving parts. A fixed, very solid front standard, and an ultra-rigid L-frame which slides into it ensures optimum parallelism between the front and the rear frame. This precision suits the setting accuracy requirements for current high-resolution sensors.

Compact and light

Pico was designed from the outset to obtain the very best accuracy and maximum rigidity at strategic points. Made from a special aluminium alloy, Pico is lightweight and compact when collapsed for packing away.

Designed for Mirrorless Cameras and Digital Backs

With its wide range of adaptors, the Pico system is compatible with the vast majority of mirrorless camera mounts and also to Mamiya/Phase One and Hasselblad digital backs. These adaptors offer great flexibility and are very simply interchanged by use of a single locking lever. Pico ensures excellent operation with the latest generation of sensors and their increasingly demanding requirements for accuracy.



Tradition and Innovation in Ergonomics

The ARCA-SWISS philosophy of user-friendly movement controls has been incorporated in Pico: tilt controls are on the left, and shift on the right. With Pico, everything has been designed for simple and speedy changes.

On the front standard, a new B-mount quick-release simplifies lens changes using a bayonet system as on the majority of mirrorless camera bodies.

An adaptor plate enables lenses with an R mount to be fitted with ease. On the rear standard, a simple swap of adaptors will allow changes of mount using a single locking lever. The change from portrait to landscape format is achieved simply by rotating the camera body.

Between the two, a system of magnets holds the bellows in the correct position—just one click at the front and another at the rear, and the bellows is set in place.

When calibrating lenses (at infinity) with the focusing knob, the calibration point can be set permanently with a programmable click.



Compatible with Finest Quality Optics

Pico is compatible with medium format lenses and enables exceptional quality lenses to be adapted to fit mirrorless camera bodies, including the majority of Rodenstock, Phase One Blue Ring and Silver Ring lenses. The Pico system is also adaptable to older lenses that are still in widespread use and available on the second-hand market, and ARCA-SWISS will continue to develop future lens boards to ensure compatibility with the widest possible range of lenses.



Improved comfort, ergonomics and possibilities over Tilt-Shift Lenses

A view camera is much more comfortable and easier to use than a simple tilt-shift lens. The design of Pico makes it even more comfortable and easier, helping the photographer focus better on framing and focusing.

With the Pico view camera there is no change in perspective when making shifts at the rear – an invaluable advantage for image stitching. Furthermore, the enormous flexibility of a view camera enables a body or a digital backplate to be used with different brands of lens.

Two New Lenses from ARCA-SWISS

The new 24 mm f3.5, and 50 mm f2.8 Tilt/Swing, both by ARCA-SWISS, are ideal partners for the Pico system. Each is perfectly centred on the optical axis and can be tilted 8.5° each way for perfect control of perspective.

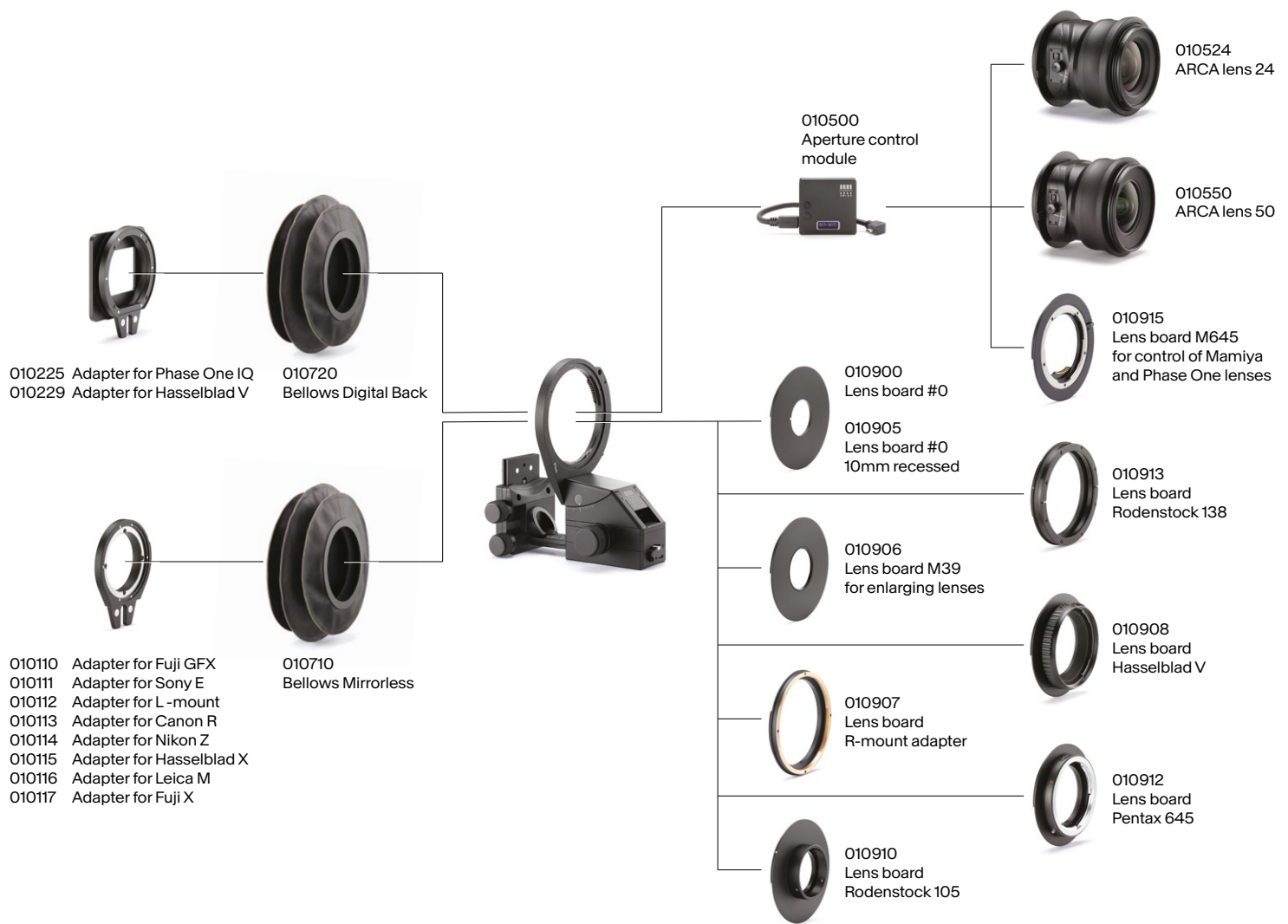


The ARCA-SWISS 24 mm f3.5 lens is ideal for architecture and landscape photography: it offers very low distortion and exceptional image quality right up to the edges of the image.

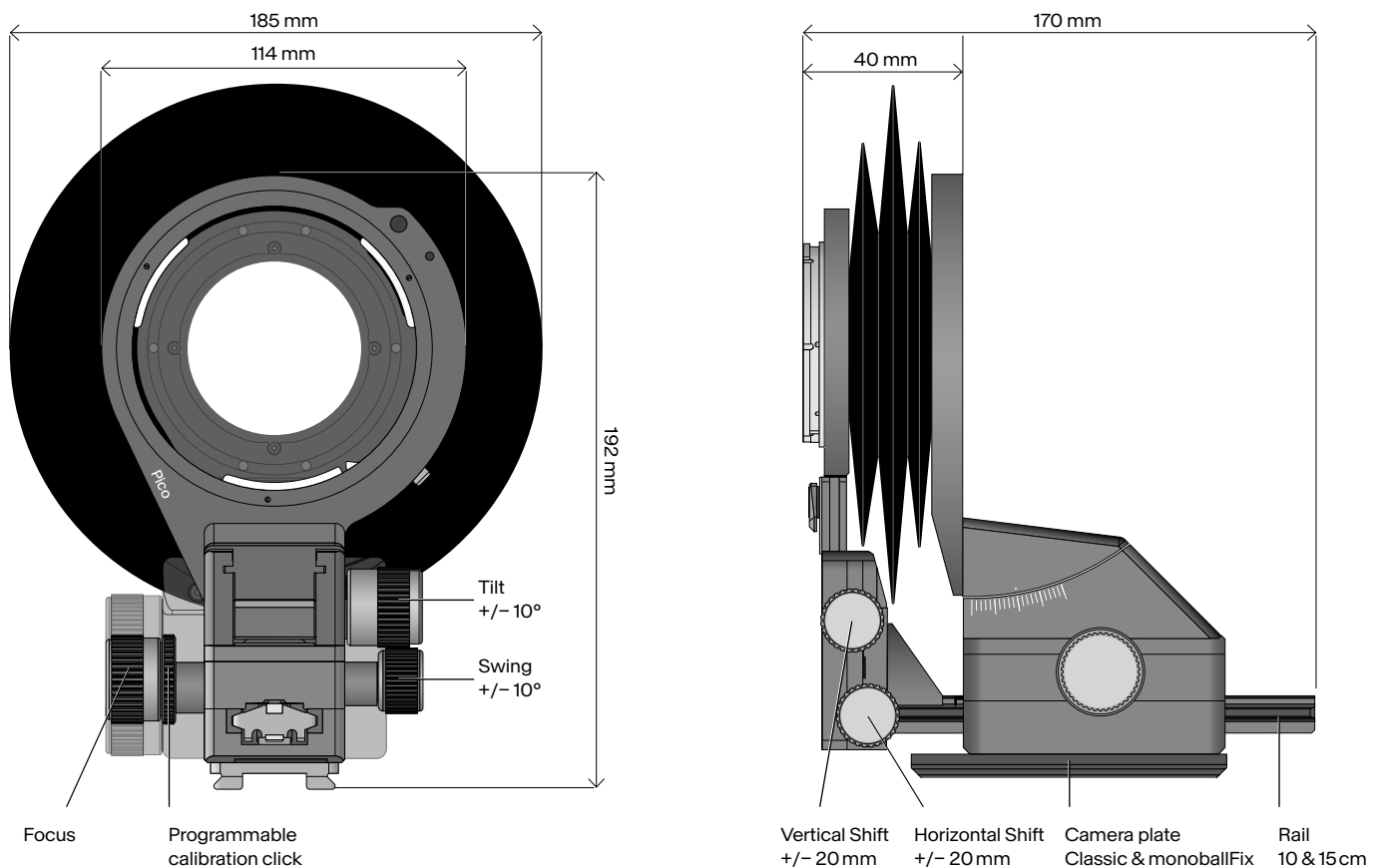


The ARCA-SWISS 50mm f2.8 lens is ideal for architecture and interior photography. Macro is also possible by virtue of its very small depth of focus (0.27 cm) and its 0.5 magnification ratio.

ARCA-SWISS Pico system



Technical specifications



ARCA-SWISS Pico Lens list

* requires 010905, Lens board Pico, 10 mm recessed

Rodenstock HR	Fuji GFX	Sony E	L-Mount	Canon R	Nikon Z	HBD - X	Leica M	Fuji X	HBD - V	Phase One IQ
23 HR Digaron-S	X	X	X	X	X	X	X	X	OK	OK
28 HR Digaron-S	X	X	X	X	X	NO MOVEMENT	X	X	OK	OK
32 HR Digaron-W	X	X	X	X	NO MOVEMENT	NO MOVEMENT	X	X	OK	OK
35 HR Digaron-S	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	OK	OK
40 HR Digaron-W	NO MOVEMENT	X	X	X	NO MOVEMENT	NO MOVEMENT	X	X	OK	OK
50 HR Digaron-W	NO MOVEMENT	NO MOVEMENT	NO MOVEMENT	NO MOVEMENT	OK	OK	NO MOVEMENT	NO MOVEMENT	OK	OK
60 HR Digaron-S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
70 HR Digaron-W	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
90 HR Digaron-SW	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
100 HR Digaron-S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
105 HR Digaron Macro float	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
138 HR Digaron SW float	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
other Rodenstock										
35 Apo-Sironar digital	X	X	X	X	X	X	X	X	OK*	OK*
45 Apo-Sironar digital	X	X	X	X	X	X	X	X	OK	OK
55 Apo-Sironar digital	OK	OK	OK	OK	OK	OK	NO MOVEMENT	NO MOVEMENT	OK	OK
105 Apo-Sironar digital	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
120 Apo-Sironar digital	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
135 Apo-Sironar digital	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Schneider										
24 XL Apo-Digitar	X	X	X	X	X	X	X	X	X	X
28 XL Super-Digitar	X	X	X	X	X	X	X	X	OK*	OK*
35 XL Apo-Digitar	X	X	X	X	X	X	X	X	OK*	OK*
43 XL Apo-Digitar	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	X	X	OK	OK
47 XL Digitar	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO MOVEMENT*	NO TILT*	OK*	NO MOVEMENT*	NO MOVEMENT*	OK	OK
60 XL Apo-Digitar	OK	OK	OK	OK	OK	OK	NO MOVEMENT	OK	OK	OK
60 N Apo-Digitar	OK*	OK*	OK*	OK*	OK*	OK*	OK	OK	OK	OK
80 N Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
90 N Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
100 N Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
100 asph. Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
120 N Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
120 asph. Apo-Digitar	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Extension

Rear Horizontal Shift

± 20 mm self-locking micro-metric geared with indicative detents every 3 mm

Rear Vertical Shift

± 20 mm self-locking micro-metric geared with indicative detents every 3 mm

Front Micro-Obix® Tilt ±10° self-locking micro-metric geared with indicative detents every degree

Front Swing ±10° self-locking micro-metric geared with indicative detents every degree

Focus control self-locking micro-metric geared with programmable detent for calibration

Net weight * 950 grams

Material high-grade aluminum

Monorail 10 cm and 15 cm rail supplied aside

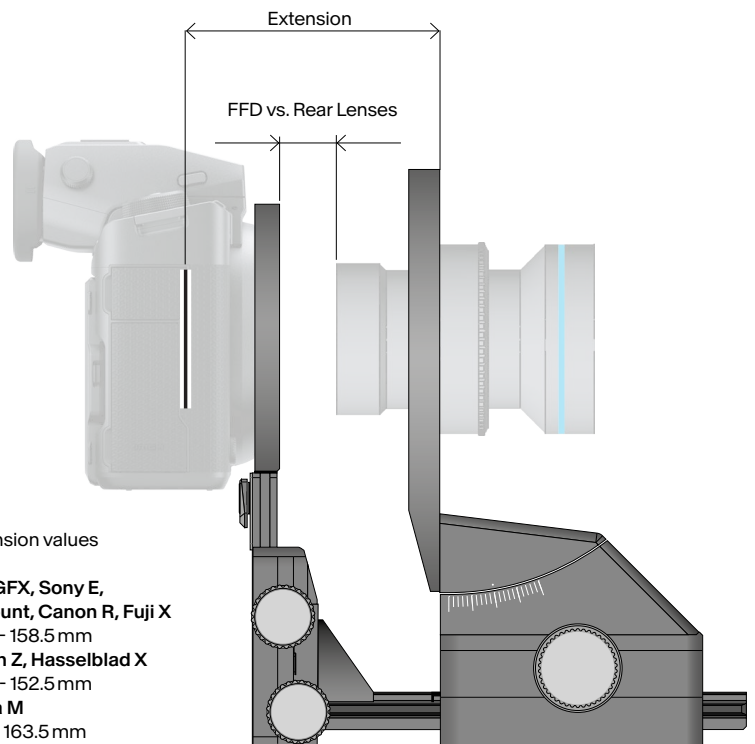
Bellows leather with front and rear magnet

Levels Three tubular levels, easily viewed on the rear carrier

Lens Mount new B-mount with quarter turn bayonet and release button

Special features

Rear adapter with fast locking lever
 Rotating rear adapter for portrait landscape orientation
 Front Frame with Micro HDMI connection for transfer of aperture control communication
 Rear frame magnetic connection for Aperture Control module



Extension values

Fuji GFX, Sony E, L-Mount, Canon R, Fuji X
 46.5 - 158.5 mm
Nikon Z, Hasselblad X
 40.5 - 152.5 mm
Leica M
 51.5 - 163.5 mm
Digital Back
 35.5 - 147.5 mm

Minimum with 010905, Lens board Pico, 10 mm recessed
 Maximum with 15 cm rail

* Without bellows, adapter, and base plate



Skills and Mastery of Manufacturing Processes

From the design stage through to after-sales service, ARCA-SWISS possesses all the skills and trades needed to create its products under one roof.

We design and make each of our items using cutting-edge machinery and the very latest technology.

Our products are assembled and our bellows manufactured by hand, by our highly-qualified operators who are proud to deliver the very best instruments for use by professional photographers.

This integration of skills allows us to create over 90 per cent of our products' added value in-house, and up to 98 per cent of that value if we take into account the local sub-contractors among the microtechnology industries of our region that specialise in watch and clock manufacture and extremely high precision work.

Independence and Long-Standing Success

ARCA-SWISS has been a family firm for over 100 years and continues to develop and innovate for the benefit of professional photographers.

Through our dedication to professionals in the photographic arts we aim to offer original solutions by bringing together a wide range of skills and developing our in-house competences. For us, that is the measure of the company's creativity, independence and continuing, long-standing success.

ARCA-SWISS INTERNATIONAL
29 rue de Châtillon
École Valentin
FR-25048 Besançon
+33 3 81 85 40 60

support@arca-swiss.com
www.arca-swiss.com
Follow us on:
Instagram @arca_swiss
Youtube @arca-swiss-official

Photos: Philippe Ketterer
Texts: Jean-Pierre Pieve
Translation: Michael Storey
Graphic design:
Thomas Huot-Marchand