

MADE IN GERMANY

MASTER  
TECHNIKA *Linhof*  
SYSTEM

classic | 3000





# THE MASTER TECHNIKA SYSTEM



*Master Technika classic*

The fact that the Linhof Master Technika has achieved a certain cult status has several good reasons: This equipment is a noble tool and a real status symbol for the ambitious photographer. Superb mechanical precision and an immaculate finish emphasize the prominent role this camera offers with the 4x5 inch format. Thanks to its drop-bed technique the Technika can completely be closed, easily carried and set up

on location. The Technika is a large format camera system for virtually all fields of professional photography. From studio table tops, portraiture, indoor shooting to travel, landscape, architectural and industrial subjects. The Technika is a view camera offering all possibilities of image composing with sophisticated mechanical adjustment facilities for perspective corrections and depth-of-field control with

groundglass observation. The system is available as Master Technika 3000 and as Master Technika classic permitting even hand-held photography. Operating and image composing are unique: The Master Technika classic can be equipped with a Multi-Focus Optical Viewfinder for exact control of the image composition complemented by a lens-coupled multi-focus coincidence type range finder system

for precise focus control without groundglass. Similar to 35 mm and medium format view finder camera systems the Technika permits flexible handling but with the added advantage of large format quality standards, i.e. perfect transitions and extremely high resolution power. Master Technika cameras offer a triple extension. This feature allows the use of tele lenses up to 400 mm focal length or close-up photography without the

need of additional accessories. The Linhof Master Technika is a camera system for the discriminating individualist creating breathtaking images far away from mass production. Even the change from sheet or rollfilm to digital imaging is no problem thanks to the easy adaptation of high efficiency digital backs. The Linhof Technika is indeed something special in the world of camera products.



*The Linhof Master Technika – perfectly protected, completely closed.*

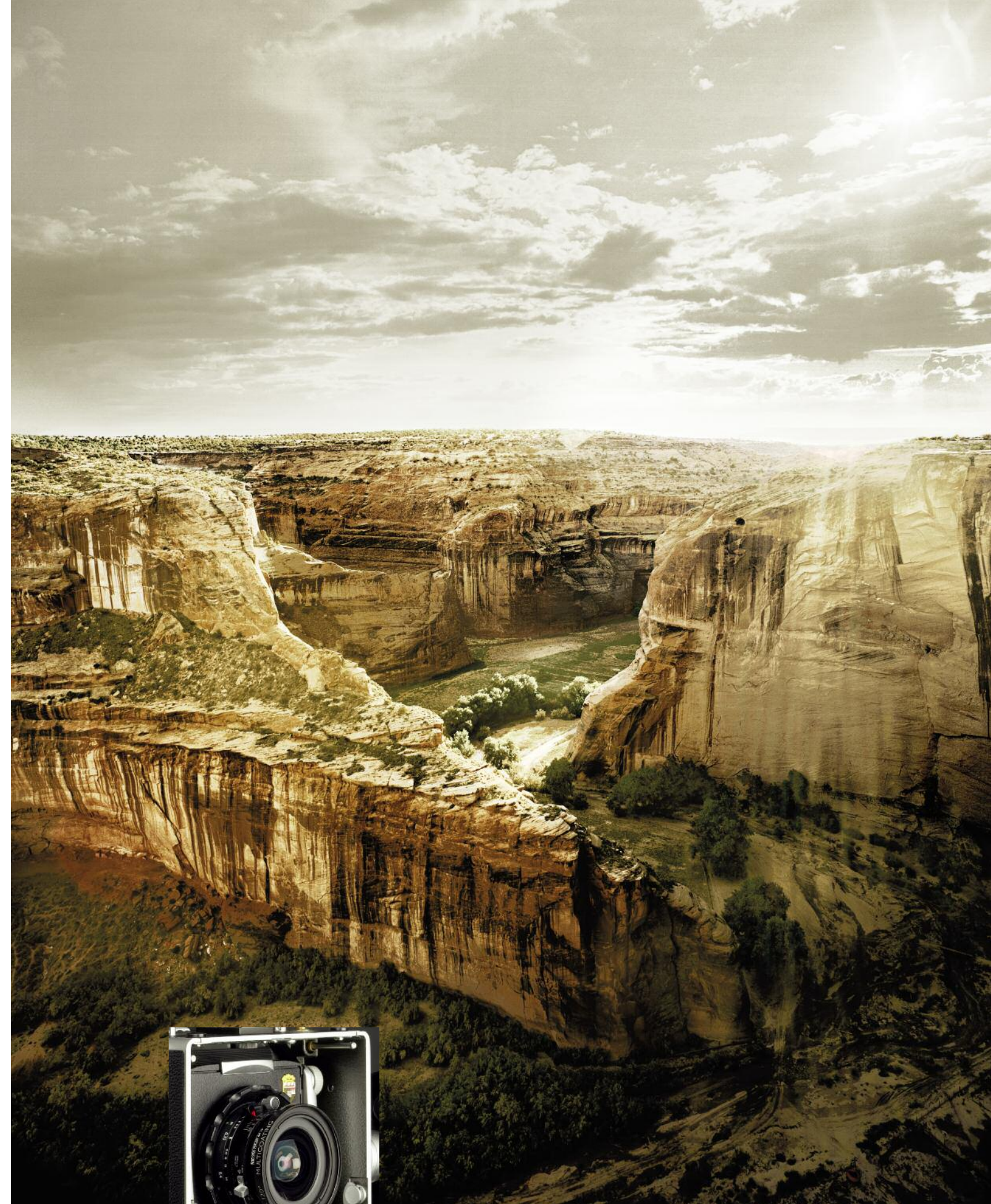
*Linhof*



*Photography: Simon Puschmann*



# MASTER TECHNIKA *classic*



Master Technika classic with Super-Angulon XL 5,6/47 mm  
mounted on special lensboard (001037) in helical focusing  
mount permits focusing even with shortest extensions.

Photography: Simon Puschmann

*Linhof*



# MASTER TECHNIKA 3000

## ADDITIONAL

### ADJUSTMENT FACILITY

The lifted flap on the top of the camera housing allows for convenient lateral adjustments. Here with lens Super-Symmar XL 4,5/80 mounted on recessed lensboard 001047.



### INFINITY POSITION

Infinity position for quick operation. For extremely short focal lengths 38, 47 and 58 mm one infinity stop is provided for all 3 focal lengths.



## EASY FOCUSING

Turning knob for easy outside moving of the built-in wide angle focusing track.

## NO VIGNETTING

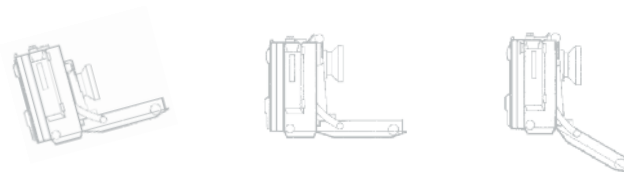
The baseboard can now further be dropped for avoiding vignetting.

For those photographers preferring groundglass control and wide-angle efficiency on location the Master Technika 3000 is the ideal large format camera. Modern extreme wide-angle lenses can be used thanks to an integrated wide-angle focusing track inside the housing that will greatly enhance the location

photographer's work, for example, in the field of architectural photography. The built-in wide angle focusing track can comfortably be used by a turning knob which is placed at the outer right side of the camera body. For extremely short focal lengths 38, 47 and 58 mm one infinity stop is provided for all 3 focal

lengths thanks to individual lensboard adjustments. When using lenses from 72 mm to 400 mm the camera front standard is again positioned on the main focusing track as usual. Focusing control remains via groundglass observation. The Master Technika Classic and the Master Technika 3000 offer the same mechanical

possibilities for intuitive handling. It is self understood that the Master Technika 3000 can be equipped with infinity stops on the main focusing track for lenses starting with 72 mm focal length for fast and error-free findings of the required bellows extension and the positioning of lenses.



**UNIVERSALLY DIGITAL.**  
Master Technika 3000 with  
Rapid Change Adapter Slide

## RAPID CHANGE ADAPTER SLIDE FOR MASTER TECHNIKA

**MASTER DIGITAL.** Linhof is now offering a Rapid Change Adapter Slide for all Master Technika bodies. Before using the slide the 4x5 revolving back has to be removed. The Rapid Change Adapter Slide permits the quick change of groundglass focusing to taking position of the digital back.

The Rapid Change Adapter Slide increases the use of the Master Technika for digital imaging. The main digital features are now applicable with the Master Technika cameras. For example, adapter plates for different camera fittings (Hasselblad V, H, Mamiya 645 AF / AFD, Contax 645) can now be used. In conjunction with the Rapid Change Adapter Slide, even stitching is possible. The complete slide can be shifted up and down 15 mm each.



Master Technika 3000  
and digital back

*Linhof*





Photography: Florian Holzherr

# INNOVATIVE IN ALL DETAILS



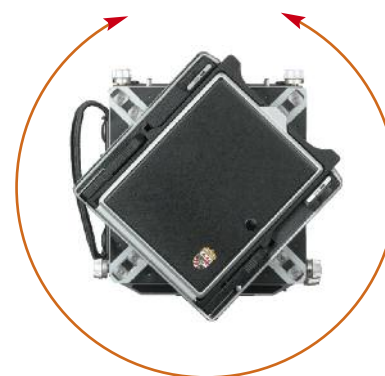
**VERSATILE.** The patented swing back is equipped with a revolving groundglass frame that instantly adjusts to horizontal or vertical formats simply by rotating it to the desired position.

**BELLOWS EXTENSION.** The precision-machined triple extension dropped allows a maximum bellows draw of 430 mm to use standard view camera lenses up to 400 mm. Even with the full bellows extension, optimum stability is maintained.

**MACRO PHOTOGRAPHY.** The variable bellows extension is particularly valuable in close-up and macro work where superb sharpness can be obtained with modern lens systems designed especially for this type of work. The macro versions of standard view camera lenses, optimized for reproduction ratios from 1:3 to 3:1, can be used without accessories.

**FAST.** For facilitating the use of more infinity stops we have modified and improved the upper track of the Master Technika. New: additional numbered notches at the upper track. Combined with the colored release levers operation has been facilitated. The definition of the required bellows extension and the positioning of the corresponding lens are now error-free and faster. The enormous stability of the dropped for use of long tele lenses is even better utilized.

**THE INTERNATIONAL BACK** accepts a wide selection of accessories offering convenient focus control and, of course, the full range of rollfilm and cutfilm holders for all professional film formats as well as the use of the Digi Adapter for digital imaging. Rollfilm economy with the classic all-metal Super Rollex backs, handling convenience with the slide-in Rapid Rollex, optimum detail rendition with cutfilm holders.



FLORIAN HOLZHERR  
Photography: C. Hacker



*Linhof*

**MOBILE.** The Master Technika stands for mobility in large format work. It goes anywhere and successfully completes assignments which simply would not permit the use of monorail systems on location. An ideal tool for art and concept photography.

**MORE COMFORT.** The Alu-case (022457) for the Linhof Master Technika classic and 3000 protects the valuable Technika equipment at outdoor activity and also provides ideal features as a depository. The case provides space for Master Technika, lenses, Focusing Magnifier, Optical Viewfinder, exposure meter, Right Angle Reflex Attachment, Rollex Rollfilm Backs, Cutfilm Holders, film material. Dimensions: 44x44x18 cm Weight: 5 kg, Content: up to 20 kg



**COMPACT.** With its ultra-compact housing measuring only 18x18x11 cm / 7x7x4.5 in. the Master Technikas can easily be carried along and set up on



location. Its rugged, yet light weight die cast aluminium body perfectly protects all vital parts, including lens, bellows, groundglass and the sophisticated adjustment mechanisms during transport and under adverse climatic conditions.



MOVEMENTS BY INTUITION



**PARALLEL SHIFTS.** The generous direct lens rise can be further increased using indirect camera displacements, tilting the camera upwards and restoring vertical orientation of lens and film plane using swing back and lens tilt adjustments. The rising front, required to eliminate converging lines, serves as a lens drop when the camera is turned upside down using the additional tripod socket located on top of the camera housing.



**EXTREME ADJUSTMENTS.** The combination of direct and indirect adjustments will result in extreme camera displacements normally associated with monorail systems only. The swing back adjustment (20° in all directions) together with the dropped displacement and lens tilt of 30° each in many cases exceed the covering power of the lenses used.



**SCHEIMPFLUG RULE.** Swings and tilts can be used to influence perspective and increase depth-of-field in accordance with the subject's requirements. Picture shows rotation of front standard and film back around the vertical axis to gain extended depth-of-field which even the smallest apertures cannot provide.



**PRECISION MOVEMENTS.** Quality engineering for maximum durability is evident in every design detail, like the rack-and-pinion system used for the rising front actuated by a reversible lift lever. The triple extension drop bed, precision machined to closest tolerances for absolutely playfree operation, is a masterpiece of mechanical engineering and another outstanding example of Linhof's manufacturing know-how.

TECHNIKA SYSTEM ACCESSORIES



Both models Master Technika are fully integrated in the Linhof accessory system.



**CENTER SWINGS AND TILTS.** Vertical and horizontal center axis rotation of the front standard minimizes any focus change and greatly facilitates ground-glass composition as there is virtually no image shift. Lens rise and lens tilt can be combined as shown, provided a lens with a sufficiently large image circle is being used.



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|----|---|--------|----|---|--------|----|--|--------|
| 1  | MASTER TECHNIKA 3000 - 4x5 (without lens)   | 000130 | 15 | Rapid Rollex 45 slide-in rollfilm holder, format 6x7, 10 exp./ film 120 | 001567 | 28 | Special Technika lensboard with helical focusing mount for |        |
| 2  | MASTER TECHNIKA classic - 4x5 (without lens)  | 000054 | 16 | Super Rollex Rollfilm Back format 6x9, 8 exp. / film 120                | 001523 |    | – Super-Angulon XL 5,6 / 38                                | 001036 |
| 3  | Multifocus Optical Viewfinder   | 001447 | 17 | Super Rollex Rollfilm Back format 6x7, 10 exp. / film 120               | 001459 |    | – Super-Angulon XL 5,6 / 47                                | 001037 |
| 4  | Groundglass frame with Multi-Format screen (part of the camera)                     | 001615 | 18 | Techno Rollex Back format 6x12, 6 exp. / film 120                       | 001560 |    | – Super-Angulon XL 5,6 / 58                                | 001038 |
| 5  | Fresnel Screen 45   | 002522 | 19 | Camera Neck Strap with embroidered Linhof Logo                          | 022610 | 29 | Lenses mounted on Technika 45 lensboards with shutter      |        |
| 6  | Folding Focusing Hood (part of the camera)  | 001612 | 20 | Compendium Lensshade  | 001926 | 30 | Technika Reducing Lensboard Adapter 45/23                  | 001070 |
| 7  | Right Angle Reflex Attachment 45  | 002628 |    | with:   |        | 31 | Profi Cable Release 700 mm                                 | 022767 |
| 8  | Focusing Magnifier 10x  | 022616 | 21 | – Filter Holder M 95x1  |        |    |  |        |
| 9  | Focusing Magnifier, 4x  | 022613 | 22 | – Filter Holder 10x10 cm  | 001933 |    |  |        |
| 10 | Focusing Bellows 45   | 002503 | 23 | – Filter Folding Frames   | 002013 |    |  |        |
| 11 | Rapid Change Adapter Slide Master Technika for adapter plates and M 679 accessories | 001618 | 24 | Hasselblad V Digi-Adapter for digital backs                             | 001693 |    |  |        |
| 12 | Polaroid Filmpack Holder 550  | 021477 | 25 | Quickfix II Camera-Tripod Quicklock Connector                           | 003876 |    |  |        |
| 13 | Polaroid Cutfilm Holder 545   | 021457 | 26 | Quickfix II Camera Plate (spare)  | 003877 |    |  |        |
| 14 | Standard Double Cutfilm Holder 4x5  | 021479 | 27 | Lenses mounted on Technika 45 lensboards with shutter                   |        |    |  |        |



# ORDERING INFORMATION

## MASTER TECHNIKA classic - 4x5

Camera body with built-in Range-Finder System, Revolving Groundglass Back incl. Groundglass and Folding Focusing Hood, less lens	000054
Anatomical Grip, left, with cable release	002549
Anatomical Grip, right	002552
Fresnel Screen 45	002522
Multifocus Optical Viewfinder,	
– Distance scale in meters, with mask 9x12	001377
– Distance scale in meters, with mask 4x5	001447
– Distance scale in feet, with mask 4x5	001378
additional masks: 6x12/ 001444, 6x9/ 001381, 6x7/ 001382, 6x7 (Rapid-Rollex)/ 001448	
Camera Neck Strap	022610

**LENS COUPLING** - up to 3 lenses f 72 - 400 mm when ordered with camera, no charge.

Additional lenses, each	001716
Customer-owned lenses, each	001717

## SPECIAL TECHNIKA LENSBOARD WITH HELICAL FOCUSING MOUNT FOR

– Super-Angulon XL 5,6 / 38	001036
– Super-Angulon XL 5,6 / 47	001037
– Super-Angulon XL 5,6 / 58	001038

(Mounting of lenses in factory only.)

## RECOMMENDED BASIC LENS COMBINATIONS

Lenses in Copal shutters  
Extreme wide-angle: 38, 47, 58 mm  
(with special Technika lensboard and helical focusing mount)  
Wide-angle, Normal lenses, Long lenses, Tele lenses:  
72 / 90 – 150 – 240 / 250 mm – 300 / 400 mm

### TECHNICAL DATA MASTER TECHNIKA classic

Front	Lens center tilt 30° fwd. and bkwd. Dropted adjustment 15°, 30°, 55° with click-stop Lens rise 55 mm Lens standard shift 40 mm to either side
Back	Swing / tilts 20° in all directions
Lenses	38, 47, 58 mm with Special Technika lensboard with helical focusing mount 72 - 400 mm can be Range Finder-coupled Front standard accepts all lenses with a maximum rear diameter of 83 mm
Bellows	max. 430 mm
Dimensions	18 x 18 x 11 cm, closed
Weight	2600 g / 6 lb. without lens

## BASIC LENS COMBINATIONS MASTER TECHNIKA SYSTEM

SCHNEIDER	in Copal shutter + lensboard 4x5	
Super-Angulon XL 5,6 / 90	000873	001015
Apo-Symmar-L 5,6 / 150	000641	001015
Apo-Tele-Xenar 5,6 / 250	000969	001026
RODENSTOCK		
Grandagon-N 4,5 / 90	000834	001026
Apo-Sironar-N 5,6 / 150	000700	001015
Apo-Sironar-S 5,6 / 240	000882	001059z

## MASTER TECHNIKA 3000 - 4x5

Camera body only, with built-in Wide-Angle Focusing Track, Revolving Groundglass Back incl. Groundglass and Folding Focusing Hood, less lens	000130
Anatomical Grip, left, with cable release	002549
Fresnel Screen 45	002522
Camera Neck Strap	022610

## RECOMMENDED BASIC LENS COMBINATION

Extreme wide-angle lenses:  
35, 38, 45, 47, 55, 58, 65 mm, in Copal shutters  
on lensboard for groundglass focusing w. Wide-Angle Focusing Track  
Wide-angle, Normal lenses, Long lenses, Tele lenses:  
72 / 90 – 150 – 240 / 250 mm – 300 / 400 mm

### TECHNICAL DATA MASTER TECHNIKA 3000

Front	Lens center tilt 30° fwd. and bkwd. Dropted adjustment 15°, 30°, 55° with click-stop Lens rise 55 mm Lens standard shift 40 mm to either side
Back	Swing / tilts 20° in all directions
Lenses	35 - 400 mm for groundglass focusing Front standard accepts all lenses with a maximum rear diameter of 83 mm
Bellows	max. 430 mm
Dimensions	18 x 18 x 11 cm, closed
Weight	2550 g / 6 lb. without lens

## ACCESSORIES FOR MASTER TECHNIKA SYSTEM

Right Angle Reflex Attachment 45	002628
Focusing Bellows 45	002503
Compendium Lensshade	001926
– Filter Holder for M95x1 and 10x10 cm	001933
– Vignetting Mask Holder	001932

Cutfilm Holder Standard for 2 cutfilms Format 4x5	021479
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## SUPER ROLLEX BACKS 45:

– Format 6x9 cm / 2 1/4 x 3 1/4 – 8 exp./ film 120	001523
– Format 6x7 cm / 2 1/4 x 2 3/4 – 10 exp./ film 120	001459

## RAPID ROLLEX 45 SLIDE-IN ROLLFILM HOLDER

– Format 6x7 cm / 2 1/4 x 2 3/4 – 10 exp./ film 120	001567
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## TECHNO ROLLEX BACK 45

– Format 6x12 cm / 2 1/4 x 4 3/4 – 6 exp./ film 120	001560
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<b>POLAROID</b> Packfilm-Kassette 405	021471
Polaroid Packfilm-Kassette 550	021477
Polaroid Planfilm-Kassette 545 Pro	021458

<b>ALUMINIUM CASE</b> Master Technika	022457
Universal-Photobag König	022496

## FOR DIGITAL BACKS:

<b>RAPID CHANGE ADAPTER SLIDE</b> for Master Technika	001618
Adapter plate for Hasselblad V	001700
Adapter plate for Hasselblad H	001701
Adapter plate for Mamiya 645 AF / AFD	001702
Adapter plate for Contax 645	001703
Hasselblad V Digi Adapter for Internat. Universal Back	001693
Groundglass Mask 45 / 24x36	001644
Groundglass Mask 45 / 37x37	001645
Groundglass Mask 45 / 4x5 cm	001646

