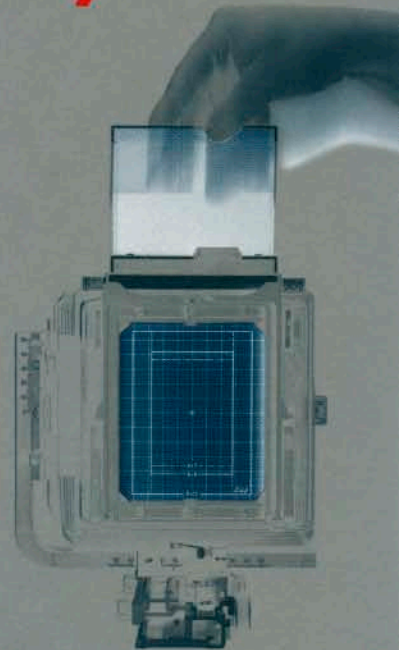


MADE IN GERMANY

Linhof

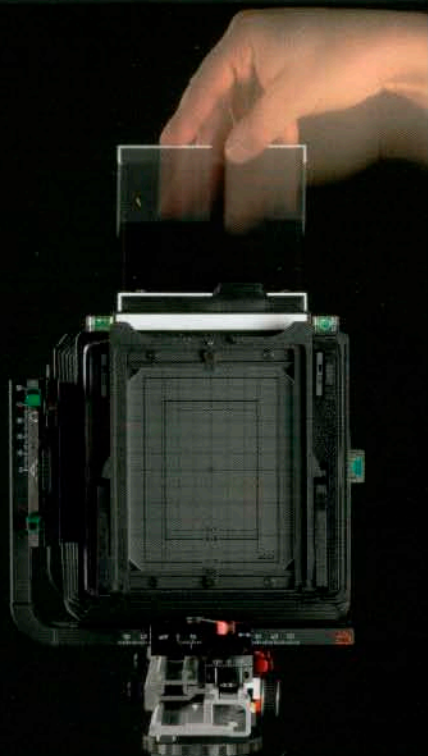
TECHNIKARDAN S
SYSTEM

23 | 45



TECHNIKARDAN S

23 and 45



The Linhof Technikardan S is available for the two formats 2x3 and 4x5 in.

Above: Technikardan S 4x5 in, with multi-format groundglass.

THE BASIC IDEA: A universal view camera system. Low weight, minimum dimensions for easy transport.

THE CHALLENGE: A camera up to the king size of 4 x 5 in. for the discriminating photographer creating images far away from every days pictures.

THE ANSWER: A synthesis of the classic drop-bed camera and the principle of the optical bench. This means extreme extensions for close-up photography or long focal lengths without conversions.

Extremely compact dimensions. The precision engineering permits an easy and quick change from transport position to taking position by turning the lens and film standards.

THE RESULT: Perfect images even when travelling without bulky luggage. Work on location for extremely demanding creative pictures. Full perspective control. Definition of depth of field. The Technikardan: Simply the ideal travel view camera for architecture, landscape and conceptional photography.



Linhof



Photography: Markus Drischel, from the series "place-keeper" - African portraits



Photography: Robert Voit

TECHNIKARDAN S

23 and 45



Transportposition TK 23

Minimum dimensions thanks to patented method of turning standards

Interchangeable bellows

Normal bellows can be exchanged against wide angle bellows for shortest focal lengths

International back 4x5 in.

for a wide range of system accessories. Film formats 6x7 cm to 4x5 in. including digital backs can be used

Spirit level for exact image control

Interchangeable lenses

mounted on Technika lensboards 35 - 400 mm focal lengths

Locking lever for extremely firm positioning

Disengageable zero clickstops at panorama swing for fast and exact adjustments

Disengageable

zero clickstops at horizontal swings

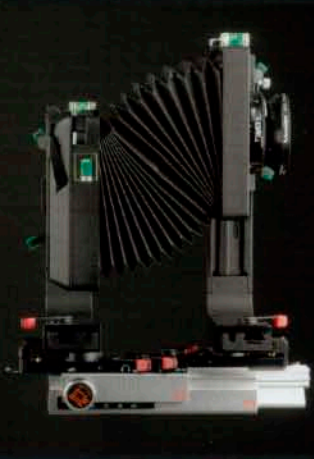
Large direct parallel adjustments

L-shaped standard for large horizontal and vertical parallel adjustments

Telescope rail system of the optical bench for fast extensions up to 485 mm



COMPACT & FLEXIBLE



PARALLEL SHIFTS.

Long direct parallel movements for avoiding converging lines in architectural and interior work.



SCHEIMPFLUG.

By precise movements of the lens and rear standard for Scheimpflug depth-of-field adjustments a sharp image of an angled subject is obtained without stopping the lens down.



EXTREME DISPLACEMENTS.

Omnidirectional movements far beyond the limits of the image circle of lenses used. 10 heavy duty hardened steel levers guarantee precise lockings.

YAW FREE.

Extreme and totally yaw free indirect displacements are possible by turning the entire camera sideways by 90 degrees thanks to the low weight of the camera.



Linhof



Whether digital or analogue
with classical film:

The individually elaborated
image is coming back.

The photographer and his
creativity defines the picture.

The all metal precise Linhof
Technikardan cameras offer
all adjustment facilities.

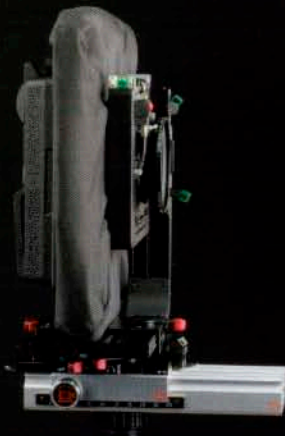
Both types, Technikardan 23
and Technikardan 45 are
surprisingly light but extremely
stable whenever adjusted.

They are fast: opening and
closing the camera simply
require three steps.

They are precise: Disengage-
able zero-clickstops for swings
and tilts assure positive
zero settings.

They are compact:

The ingenious design of the
patented concept of the rotating
standards allows to fold the
camera to extremely compact
dimensions.



SUPER WIDE.

*Full wide-angle capability
and camera movements
even with extremely short
lenses f 35 mm. Ideal for
rollfilm use.*



MULTI PROFILE TELESCOPE.

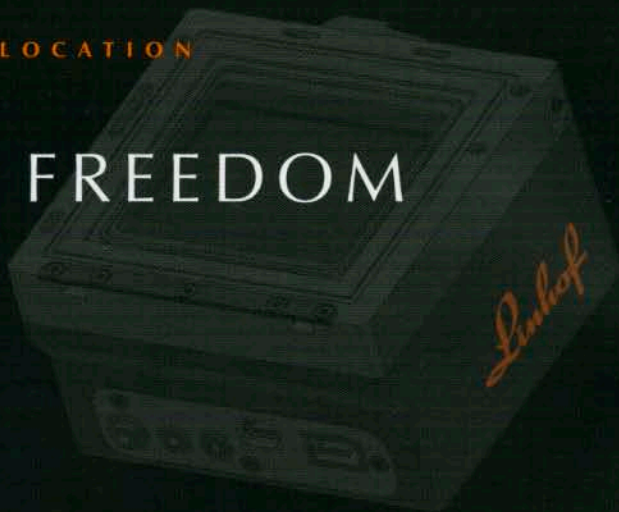
*Triple extension base for
extensions up to 485 mm
(Technikardan 45).
Additional tele/macro
support rail for TK 23 and
TK 45 provides total free-
dom from vibration even
with extreme bellows draw
and heavier tele lenses.*



DIGITAL FREEDOM



Lens rise for avoiding converging lines in architecture and studio work.



The light weight Linhof Technikardan 23 is the perfect digital outdoor view camera when equipped with a studio-independent digital back. Working on location with all possibilities of creative imaging. Wide angle and shifting enlarge the use of digital view camera imaging up to architectural photography. The Digi-Adapter is available for TK 23 and TK 45. Various groundglass masks indicate the different chip formats – 24x36 mm, 37x37 mm or 4x5 cm.



The Technikardan S 23 with Digi-Adapter and studio-independent digital back. A really professional but light-weight outdoor equipment.



Photography: www.ansgarpudenz.com

Linhof 9

Technikardan 23 and Technikardan 45 are fully integrated in the Linhof system. Practically all accessories including lenses can be combined with Linhof Super Technika 23 and Master Technika 45. Linhof rollfilm backs are available for different formats: 6x7 cm / 2 1/4 x 2 3/4 in., 6x9 cm / 2 1/4 x 3 1/4 in. and panorama format 6x12 cm / 2 1/4 x 4 3/4 in.



- | | | | | | |
|-----------|--|--------|---------------------------------------|--|--------|
| 1 | TECHNIKARDAN S 23
(without lens) | 000107 | 16 | TECHNIKARDAN S 45
(without lens) | 000108 |
| 2 | Tele/Macro Bracket for TK 23 | 002740 | 17 | Tele/Macro Bracket for TK 45 | 002741 |
| 3 | TK Wide-Angle Bellows 23 | 002724 | 18 | TK Wide-Angle Bellows 45 | 002723 |
| 4 | Hasselblad Digi Adapter 23 | 001565 | 19 | Hasselblad Digi Adapter for
Internat. Universal Back | 001693 |
| 5 | Groundglass Masks 24x36,
37x37 a. 4x5 cm for Digi Adapter | | 20 | Groundglass Masks 24x36,
37x37 a. 4x5 cm for Digi Adapter | |
| 6 | Fresnel Screen 23 | 002566 | 21 | Fresnel Screen 45 | 002522 |
| 7 | Basic Lighthood 23 | 001611 | 22 | Right Angle Reflex Attachment 45 | 002628 |
| 8 | Magnifier Adapter for Basic
Lighthood 23 | 002757 | 23 | Folding Focusing Hood 45
(metric/feet table) | 001612 |
| 9 | Adapter f. Arca Suisse Bino Tupe | 001684 | 24 | Focus Metering Bellows 45 | 002503 |
| 10 | Right Angle Reflex Attachment | 002629 | Super Rollex Rollfilm Backs 45 | | |
| 11 | Folding Focusing Hood 23/met. | 001613 | 25 | Format 6x9 cm | 001523 |
| 12 | Focus Metering Bellows 23 | 002504 | 26 | Format 6x7 cm | 001459 |
| 13 | Super Rollex Rollfilm Backs 23 | | 27 | Techno Rollex Back 45
Format 6x12 cm | 001560 |
| | Format 6x7 cm | 001460 | 28 | Rapid Rollex 45 slide-in rollfilm
holder Format 6x7 cm | 001567 |
| | Format 6x9 cm | 001524 | 29 | Astra Double Cutfilm Holder 4x5 | 021480 |
| 14 | Rapid Rollex 23 Slide-In
Rollfilm Holder | 001566 | | | |
| 15 | Polaroid Filmpack Back 23 | 001666 | | | |

TK SYSTEM ACCESSORIES INDOOR & OUTDOOR

Photography: Barbara Wolf



For further accessories
such as tripods and tripod heads
please refer to the Linhof
Product Listing

- | | | | |
|---------------------------------------|--------|--|--------|
| 30 Standard Double Cutfilm Holder 4x5 | 021479 | 41 Quickfix II Adapter Plate (spare) | 003877 |
| 31 Polaroid Filmpack Holder 550 | 021477 | 42 3-Way Levelling Head I | 003663 |
| 32 Polaroid Filmpack Holder 405 | 021471 | 43 Linhof Focusing Cloth with embroidered logo | 022620 |
| 33 Polaroid Cutfilm Holder 545 Pro | 021458 | 44 TK Aluminium Case | 022481 |

General Accessories

- | | |
|---|--------|
| 34 TK Compendium 23/45 | 001931 |
| 35 Accessories for 001931:
Filter Holder for M 95x1
screw-in and 10x10 cm
Gelatine Filters | 001933 |
| 36 Vignetting Mask Holder incl.
4 Masks | 001932 |
| 37 Magnifier 10x, Schneider | 022616 |
| 38 Profi cable release
700 mm/23.5 in | 022767 |
| 39 TK lenses supplied in Copal
shutters mounted on flat and
recessed Technika 45 lensboards | |
| 40 Quickfix II Tripod Connector | 003876 |

Linhof



ORDERING INFORMATION

TECHNIKARDAN S 23 (without lens) 000107
 Fresnel Screen 23 002566
 TK Wide-Angle Bellows 23 002724
 Tele/Macro Bracket for TK 23 002740
 Folding Focusing Hood 23 (metrical) 001613
 Right Angle Reflex Attachment 23 002629
 Focus Metering Bellows 23 002504
 Basic Lighthood 23 001611
 Magnifier Viewing System for Basic Lighthood 23 002757
 TK Compendium 23/45 001931
 Accessories for 001931: Filter Holder for 95x1 screw-in and 10x10 cm Gelatine Filters 001933
 Vignetting Mask Holder incl. 4 Masks 001932

SUPER ROLLEX ROLLFILM BACKS 23
 – Format 6x7 cm / 2 1/4 x 2 3/4 – 10 exp./ film 120 001460
 – Format 6x9 cm / 2 1/4 x 3 1/4 – 8 exp./ film 120 001524

RAPID ROLLEX 23 SLIDE-IN ROLLFILM HOLDER
 – Format 6 x 12 cm / 2 1/4 x 4 3/4 in. 001566
 10 Exposures on Rollfilm 120

POLAROID Filmpack Back 23 001666
 – 10 Exposures 73 x 85 mm

TK ALUMINIUM CASE 23 022474

FOR DIGITAL BACKS
 Hasselblad Digi-Adapter 23 001565
 Groundglass Mask 23 / 24x36 mm 001647
 Groundglass Mask 23 / 37x37 mm 001648
 Groundglass Mask 23 / 4x5 cm 001649

TECHNICAL DATA	TK 23	TK 45
Overall camera size		
Length	125 mm	125 mm
Width	165 mm	215 mm
Height	210 mm	255 mm
Weight camera without lens	2800 g	3000 g
Maxim. camera extension (lens to film plane)	340 mm	485 mm
Minimum camera extension with wide angle bellows	48 mm	70 mm
Direct parallel shifts		
Front - up / down	50 mm up	50 / 20 mm
Rear - up / down	50 mm up	50 mm up
Direct lateral shifts		
Front - left / right	31 / 25 mm	55 / 20 mm
Rear - left / right	31 / 25 mm	55 / 50 mm
Central horizontal-axis tilt	Limited only by bellows reference scales ± 10°	
Lens tilt - front		
Screen tilt - rear		
Vertical axis swing of front / rear standard	360°, reference scales ± 15° front and rear	

TECHNIKARDAN S 45 (without lens) 000108
 Fresnel Screen 45 002522
 TK Wide-Angle Bellows 45 002723
 Tele/Macro Bracket for TK 45 002741
 Folding Focusing Hood 45 (metric/feet table) 001612
 Right Angle Reflex Attachment 45 002628
 Focus Metering Bellows 45 002503
 TK Compendium 23/45 001931
 Accessories for 001931: Filter Holder for M 95x1 screw-in and 10x10 cm Gelatine Filters 001933
 Vignetting Mask Holder incl. 4 Masks 001932
 Astra Double Cutfilm Holder 4x5 021480
 Standard Double Cutfilm Holder 4x5 021479

SUPER ROLLEX BACKS 45
 – Format 6x7 cm / 2 1/4 x 2 3/4 – 10 exp./ film 120 001459
 – Format 6x9 cm / 2 1/4 x 3 1/4 – 8 exp./ film 120 001523

RAPID ROLLEX 45 SLIDE-IN ROLLFILM HOLDER
 – Format 6x7 cm / 2 1/4 x 2 3/4 – 10 exp./ film 120 001567

TECHNO ROLLEX BACK 45
 – Format 6x12 cm / 2 1/4 x 4 3/4 – 6 exp./ film 120 001560
 Techno Rollex Base Plate 220 001562
 – 12 Exposures / film 220

POLAROID Filmpack Holder 405 021471
 Polaroid Filmpack Holder 550 021477
 Polaroid Cutfilm Holder 545 Pro 021458

TK ALUMINIUM CASE 45 022481

FOR DIGITAL BACKS
 Hasselblad Digi Adapter for Internat. Universal Back 001693
 Groundglass Mask 45 / 24x36 mm 001644
 Groundglass Mask 45 / 37x37 mm 001645
 Groundglass Mask 45 / 4x5 cm 001646

GENERAL ACCESSORIES
 3-Way Levelling Head I 003663
 Quickfix II Tripod Connector 003876
 Magnifier 10x, Schneider 022616
 Profi Cable Release 700 mm / 23.5 in. 022767
 Linhof Focusing Cloth with embroidered logo 022620

TECHNIKARDAN LENSES
 All TK lenses are supplied in Copal shutters mounted on Technika 45 lensboards.
 Same size for 6x9 and 4x5 in.
 Recommended lens combinations:

FORMAT	23	45
Extreme wide-angle	35/38 mm	35/38/45/47/58 mm
Wide-angle	58/65 mm	72/90 mm
Standard	100/135 mm	150 mm
Long focus	180/210 mm	210/240 mm
Tele	250 mm	360/400 mm

