



Display Protection

Scratches are the natural enemies of camera displays. High-quality protective foils and glasses prevent scratches effectively and mostly accompany the camera all its life. You can therefore always enjoy a flawless lens system

when taking photos and the value of an expensive camera is preserved for a long period of time.

Digi Cam Screen Protect

- Protective foil for LCD monitors of digital cameras, camcorders and mobile phones; reduces reflections
- Protects against finger-marks, dust and scratches...
- Simple to attach, can be removed without leaving any marks



For 2.0" display (41 x 31 mm), 3 pcs.	047008	Qty 10	PO
For 2.5" display (51 x 38 mm), 3 pcs.	047009	Qty 10	PO
For 2.7" display (55 x 41 mm), 3 pcs.	088610	Qty 10	PO
For 3.0" display (61 x 44 mm), 3 pcs.	088614	Qty 500	PO
For 3.5" display (71 x 53 mm), 3 pcs.	047007	Qty 10	PO
For 4.0" display (85 x 60 mm), 3 pcs.	047184	Qty 10	PO
For 16:9 display, 3 pcs.	046899	Qty 10	PO

Displex Protector

- Self-healing, protective high-tech foil for LCD monitors of digital cameras and camcorders
- Protects against finger-marks, dust and scratches...
- Highly transparent, simple to attach, can be removed without leaving any marks
- Incl. microfibre cloth and applicator
- 2-year guarantee against scratches



For 2.5" displays (51 x 38 mm)	001023	Qty 10	BC X
For 3.0" displays (61 x 44 mm)	001024	Qty 10	BC X
For 3.5" displays (71 x 53 mm)	001025	Qty 10	BC X
For 4.0" displays (85 x 60 mm)	001026	Qty 10	BC X
Sales display	001022	Qty 1	BC X

Screen Protector Set, 2 parts

- Protective foil for LCD monitors of digital cameras and mobile phones; reduces reflections
- Protects against finger-marks, dust and scratches...
- Simple to attach, can be removed without leaving any marks
- Incl. optical paper in a transparent box



For 3.0" display (61 x 44 mm), 3 pcs. incl. optical paper	005935	Qty 24	BC 33
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Universal LCD Set, 3 parts

- Contents of the set, 3 parts:**
- 1 protective foil for the display, 110 x 85 mm, with format marking
 - 1 spatula for smoothing the foil
 - 1 microfibre cleaning cloth (grey; 100% polyester)



	088611	Qty 60	BC 33
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LCD Protective Foil for D-SLR

- Specially developed to protect LCD monitors
- Perfect fit for the respective digital camera
- Secure protection against scratches and dirt
- Simple to attach, can be removed without leaving any marks

*Incl. foil for the LCD display

For Canon

EOS-1000D	088595	Qty 10	PO
EOS-400D	088608	Qty 10	PO
EOS-450D	088596	Qty 10	PO
EOS-10D	088604	Qty 10	PO
EOS-40D*	088616	Qty 20	PO
EOS-5D	088603	Qty 10	PO

For Nikon

D40/D40x/D60	088609	Qty 10	PO
D70s	088602	Qty 10	PO
D80	088607	Qty 10	PO
D200	088606	Qty 10	PO
D300*	088617	Qty 20	PO

For Olympus

E400/410	088615	Qty 10	PO
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For Sony

Alpha 100	088613	Qty 10	PO
Alpha 200	088598	Qty 10	PO
Alpha 300/350	088597	Qty 10	PO
Alpha 700*	088618	Qty 10	PO



For Canon			
4" protective foil with authorization code for downloading the pattern	001152	Qty 25	BC 47
For Nikon			
4" protective foil with authorization code for downloading the pattern	001153	Qty 25	BC 47
For Olympus			
4" protective foil with authorization code for downloading the pattern	001158	Qty 25	BC 47
For Pentax			
4" protective foil with authorization code for downloading the pattern	001155	Qty 25	BC 47
For Samsung			
4" protective foil with authorization code for downloading the pattern	001155	Qty 25	BC 47
For Sony			
4" protective foil with authorization code for downloading the pattern	001159	Qty 25	BC 47

Displex Protector for D-SLR

- Very safe original Displex protective foil for the LCD monitor of a reflex camera
- Contents of the set: protective foil, microfibre cloth, applicator, instructions for use

The problem:

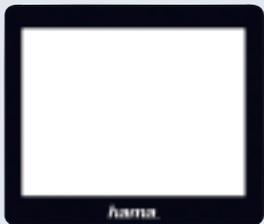
- Camera displays very quickly get ugly scratches when they are used every day
- Scratches limit the subject recognition on the display and depreciate moreover the camera

The solution:

- The Displex Protector foil offers perfect protection against scratches and dirt

The advantages:

- The self-adhesive foil protects the display and preserves the value of the camera
- Self-healing high-tech foil
- Highly transparent, can be removed without leaving any marks
- 2-year guarantee against scratches



88621



088624



88622

	088630		
For Canon			
EOS 400D	088621	Qty 60	BC 49
EOS 450D	088629	Qty 10	BC 49
EOS 40D	088628	Qty 60	BC 49
For Nikon			
D40/40X/60	088624	Qty 60	BC 49
D80, incl. separate protective glass for the LCD display	088622	Qty 60	BC 49
D200, incl. separate protective glass for the LCD display	088623	Qty 60	BC 49
D300, incl. separate protective glass for the LCD display	088627	Qty 60	BC 49
For Sony			
Alpha 100	088625	Qty 60	BC 49

Protective LCD Glass for D-SLR

- Perfect-fit, low-reflection glass for optimum protection of the camera display
- Scratch-resistant which increases the durability and value of the camera
- Coated six times for brilliant images (no optical losses)
- Mounted flush on the display (no blistering)
- Designed for permanent use



Cleaning Pens

Special pens to clean LC displays, lenses and eyepieces of digital cameras. Also suitable for camera phones and PDAs. A non-toxic, chemical compound removes dirt and finger-marks and protects them against drying.



MicroClear

- With special velvet, especially for LCDs and lenses with small diameter
- Extremely small and handy (only 7 cm long)
- Colour: silver

005613 Qty 20 BC X

15 pieces (in a display box) 005619 MB 15 CB



DigiClear

- With lens brush (for dry preliminary cleaning) and special velvet, specially for lenses and eyepieces with small diameter
- Special triangular shape for places which are difficult to access
- Colour: silver

005612 Qty 20 BC X



Lenspen

- With lens brush (for dry preliminary cleaning) and special velvet, specially for lenses and eyepieces with small diameter

005614 Qty 20 BC 33

15 pieces (in a display box) 005620 Qty 15 CB

MiniPro II

- Small and handy
- Diameter of special velvet: 8 mm
- Colour: silver/black



005604 Qty 20 BC 33

15 pieces (in a display box) 005605 MB 15 CB

Lenspen

- Diameter of special velvet: 13 mm
- Colour: black



005638 Qty 20 BC 35

Lenspen Kit 3in1

Contents of the kit, 3 parts:

- Lenspen Mini Pro (diameter: 8 mm)
- Lenspen (diameter: 13 mm)
- Microfibre velour cleaning cloth (21 x 27 cm; 70% polyester, 30% polyamide)



Cleaning Cloths

The cleaning of sensitive, optical glasses makes particularly high demands on the used materials. Disturbing grease marks, pieces of fluff etc. are removed in a particularly gentle way with specially developed

papers, microfibre cloths and cleaning kits. The lens system is treated with care and you will see clear and sharp subjects.



Pro-Optic

- Moist cleaning cloth with antistatic protection
- For all optical surfaces

10 pieces (per pack)

005959 Qty 6 BC 31

24 packs with 10 pcs. each (in a display box)

005960 MB 24 CB

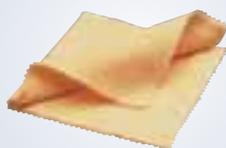


"Wet/Dry" Cleaning Set

- Ideal to clean digital cameras (for LCD monitor, lens and camera body)
- The wet cloth removes finger-marks and dust effectively
- Dry cloth to polish and to remove cleaning residues

3 pcs. each (wet/dry cleaning cloth)

047183 Qty 40 CB



Dry Cleaning Cloth

Slide

- For slide glasses etc.
- 100% cotton
- Size of cloth: 240 x 250 mm
- Colour: yellow

005921 Qty 6 BC 33



Antistatic Cloth

- Antistatic effect
- Size of cloth: 260 x 230 mm
- 100% cotton
- Colour: orange

005901 Qty 6 BC 34



Microfibre Cleaning Cloth

- Excellent purification efficiency thanks to high-quality fibre structure
- For all optical surfaces, incl. CDs
- Washable

Size of cloth: 155 x 155 mm	005908	Qty 6	BC 43
Size of cloth: 155 x 155 mm, 50 pieces	005905	MB 50	CB
Size of cloth: 155 x 155 cm, 24 pieces (in a display box)	005904	MB 24	CB
Size of cloth: 260 x 250 mm, 15 pieces (in a display box)	005906	MB 15	CB

Micro

- 80% polyester, 20% polyamide
- With hard box
- The cloth is available in two sizes (155 x 155 mm and 260 x 250 mm)
- Colour: grey



40 pieces (in a display box)	005909	MB 40	CB
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Pocket

- With neoprene protective bag
- 100% polyester
- Size of cloth: 150 x 160 mm
- Dimensions of neoprene bag: 50 x 37 mm
- Colour: grey



10 pieces (in a display box)	005916	MB 10	CB
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Micro Lens Cleaner

- Size of cloth: 200 x 200 mm
- 80% polyester, 20% polyamide
- Colour: grey



20 pieces (in a display box)	005903	MB 20	CB
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"Micro" Pro-Optic

- With etui
- Size of the cloth: 150 x 150 mm
- 25% nylon, 75% polyester
- Colour: grey



5 packs (contents: 30 tissues each)	051076	Qty 12	BC 34
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DPF Microfibre Cleaning Cloth

- Universal cleaning cloth for digital photo frames or any kind of glass, plastic, metal etc.
- High-quality microfibre cloth (100% polyester, washable)
- Removes dirt particles
- Fluff-free, with antistatic effect
- Dimensions: 20x20 cm



DPF Cleaning Gel incl. Microfibre Cloth

- For cleaning digital photo frames
- Specially developed gel liquid
- Contents: 45 ml
- Incl. high-quality microfibre cleaning cloth (100% polyester, washable, dimensions: 20x20 cm)
- Removes dust, dirt and grease
- Antistatic effect
- Free from substances such as alcohol, butylglycol and methanol
- The gelatinous consistency prevents the liquid from quickly seeping down the screen
- Also suitable for other surfaces such as LCD/plasma/TFT screens, notebooks, PDAs, scanners, copiers

5 packs (contents: 30 tissues each)

051077 Qty 12 BC 34



Lens Cleaning Tissues

- Special silicone-free tissues to clean optical glasses
- Size of tissue: 120 x 60 mm

5 packs (contents: 30 tissues each)

005915 Qty 12 BC 34



Cleaning Set "Optic HTMC"

- Contents of the set:
- 1 pack with 30 lens tissues
 - 1 glass bottle of "HTMC® Special" cleaner, 12 ml

005902 Qty 6 BC 34

2 parts



- 3 parts, in addition with lens brush with bellows

005932 Qty 6 BC 35



Cleaning Set Optic

- Contents of the set, 3 parts:
- Blower brush
 - Lens cleaning fluid
 - Lens cleaning tissue

005931 Qty 6 BC 35



Compressed-Air Cleaners

Contactless cleaning means particularly safe cleaning! As the sensitive parts of a camera are not touched, the risk of inadvertent damaging of the electronics is precluded right from the beginning. The sprays can be used

universally, the suction apparatuses are specially designed to clean CCD/Cmos sensors.



Bellows "Dust Ex"

- Environment-friendly and optimal blowing effect thanks to valve system
- With protective flap
- Length: 150 mm
- Colour: red/black

Rubber bellows: 55 mm Ø

005610 Qty 6 BC 35



AntiDust Cleaning Spray "Formula"

- Cleaning spray for sensitive places of electronic devices (PC, video recorder...) or for lens systems/displays (camera, mobile phone, PDA...)
- Monobloc cans with screw head for increased cleaning intensity
- With spray valve and capillary tube
- Stable gas pressure (until the end)

Filling volume: 250 ml

005814 Qty 12 CB

Filling volume: 400 ml

005816 Qty 12 CB



Lens Cleaning Cloths, wet/dry

- Ten wet/dry lens cleaning cloths (LC-7010)
- Replacement cloths for Hama item no. 00005832 - optic cleaning kit

10 pcs. each (wet/dry cleaning cloth)

005833 Qty 12 BC X



CCD Cleaning System "Professional Kit"

- Mini Vac
- Hi-Tech Air-Power (compressed air can, 400 ml); replacement article: Hama item no. 5825 (400 ml)
- Pick-up tubule (3 pieces); replacement article: Hama item no. 00005826
- 3x wet & dry cleaning pads; replacement article: Hama item no. 00005828

Filling volume: 400 ml

005827 Qty 6 BC X

Replacement tubule "Pick up", 3 pcs.

005826 Qty 6 BC X

Replacement pads "Wet & Dry" for full size sensors

005828 Qty 6 BC X



Lens Cleaning Kit

Consting of:

- 1x Air Power Traveller propellant can, 150 ml (G-2015), incl. spray valve and capillary tube
- 10 wet/dry lens cleaning cloths (LC-7010)

Filling volume: 150 ml

005832 Qty 6 CB



CCD Cleaning System "Green Clean"

- Professional cleaning system for CCD or Cmos recording sensors in digital reflex cameras
- Dust, fluff or abrasions are sucked off in a gentle way (fully contact-free cleaning!) as any kind of blowing out, or of brush cleaning causes whirling of the particles in the camera slot
- Also suitable to clean the mirror slot of a camera
- Tested by renowned camera/sensor manufacturers and by authorized service centres, evaluated as unrivalled good

Function principle:

- The Mini Vac attachment (G-2051 Hi-Tech Air Power) causes an underpressure which is passed on over a flexible plastic tube
- A sterile Pick up tubule absorbs all dust particules; the dust particules come into an integrated receptacle
- Eventual smears are dissolved with the sponge applicator "Wet Foam S4" and removed afterwards with the Dry-Sweeper

Equipment no. 005821:

- Hi-Tech Air-Power (compressed air can, 150 ml)
- Mini Vac
- Pick up tubule (2 pieces)

Equipment no. 005822:

- Hi-Tech Air-Power (compressed air can, 400 ml)
- Mini Vac
- Pick-up tubule (2 pieces)
- Wet & Dry cleaning pads: 3x Wet Foam S4 (pre-soaked, dissolves grease) and 3x Dry Sweeper (absorbent, lint-free, projecting edge for sensor corners, streak-free cleaning)

Turbo Valve

- Special screw-on valve for compressed gas cans (e.g. for 5814, 5816, 5821, 5822, 5823, 5825 and 5827) with screw head
- Ensures more economical consumption
- Incl. aluminium capillary tube (pressure intensifying effect)
- Valve needle made of metal
- Can be rotated 360°, turbo nozzle can be rotated 90°
- Length: 140 mm

Hi-Tech

- Purified mixture containing 90% tetrafluoroethane 134 A (recline) and 10% pressure reducer
- Replacement for 5821, 5822 and 5827



Set, 150 ml	005821	Qty 6	CB
Set, 400 ml	005822	Qty 6	CB
Replacement tubule "Pick up", 3 pcs.	005826	Qty 6	BC X
Replacement pads "Wet & Dry" for half size sensors	005831	Qty 6	BC X



	005830	Qty 6	CB
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Filling volume: 150 ml	005823	Qty 12	CB
Filling volume: 400 ml	005825	Qty 12	CB



Lens Brushes

Camera lenses with costly coating and filters do not excuse any mistakes made during the cleaning process. Lens brushes belong therefore to the standard equipment of a filled equipment case. The cleaning process

becomes particularly effective in combination with rubber bellows. Nevertheless, you should always have a UV filter as additional lens protection.



Lens Brush "Lipstick"

- Extra soft hair
- With protective cap
- Antistatic
- Length: 85 mm

005601 Qty 6 BC 34



Lens Brush "Pneu"

- Extra soft hair
- Available in different colours and versions (rubber bellows Ø, length)

Rubber bellows: 30 mm Ø

005603 Qty 6 BC 34

Pneu 30

- Colour: green
- Length: 70 mm



Rubber bellows: 40 mm Ø

005607 Qty 6 BC 34

Pneu 40

- Colour: green
- Length: 85 mm



Rubber bellows: 40 mm Ø

005611 Qty 6 BC 34

Pneu 41

- Colour: black
- Length: 90 mm



Rubber bellows: 60 mm Ø

005609 Qty 6 BC 34

Pneu 60

- Colour: grey
- Length: 160 mm

Cleaning & Care

LENS BRUSHES
CLEANING & CARE



005617 Qty 6 BC 31
 Rubber bellows: 55 mm Ø, colour: blue

005618 Qty 6 BC 31
 Rubber bellows: 55 mm Ø, colour: red

Lens Brush "Pneu"
 - Extra-soft hair
 - Available in different colours and versions (rubber bellows Ø, length)

Pneu Color
 - Length: 70 mm
 - Available in two colours (blue, red)



005599 MB 12 CB
 Rubber bellows: 40 mm Ø, 12 pieces in a display box

Set
 - Length: 90 mm
 - 3 brushes each in the colours green, yellow, blue and red



Cleaning CDs/Cassettes

All audio and video cassettes with a tape require efficient, regular cleaning. Dirt on the playback heads and/or on the tape guide leads to unnecessary loss of quality as far as the reproduction is concerned. Regular

cleaning ensures constant and precise sound and picture reproduction and prolongs the life of a player.



Video Cleaning Cassettes

- For gentle and effective cleaning of the sound/playback heads and of the tape guide thanks to best dirt pick-up
- Ensures better reproduction quality

Mini-DV

- For optimal picture quality of digital recordings
- Sufficient for about 50 cleaning processes

049679 Qty 10 CB



Mini-DV Cleaning Cassette, incl. microfiber cloth

- For mini DV camcorders
- Removes dirt from the playback head and the tape guide
- For optimum picture quality of digital recordings
- Sufficient for about 50 cleaning processes
- Incl. high-quality microfiber cleaning cloth

005949 Qty 12 BC 35



Incl. cleaning fluid

044702 Qty 20 BC X

044700 Qty 20 CB

Video-8/Hi-8

- With special cleaning tape from the computer technology



Replacement cleaning fluid

044728 Qty 10 BC X

044729 Qty 20 BC X

VHS/S-VHS

- Sufficient for about 50 cleaning processes
- Incl. cleaning fluid



Mini DVD Laser Cleaning Disc 3"

- For gentle, dry cleaning (with brush) of the laser optical system of mini DVD camcorders
- Also suitable for DVD players
- Incl. microfiber cleaning cloth
- Not suitable for slot-in drives or in-car use
- To improve the playback quality of sound carriers
- Format: 3" (8 cm)
- With animation (in a DVD player)
- Incl. mini DVD jewel case

005950 Qty 12 BC 35



Special Cleaners

There are many different types of chemical properties of the dirty soiling as far as photo/video is concerned. Professionals clean with specially developed special cleaners. The reasons are mostly attributed to grease, dust, oxidation and residues of adhesives. The required cleaner depends on the

Photo/Negative Cleaner

- To clean all kinds of surfaces of photos (colour, bw) and negatives
- Antistatic effect
- Removes ballpoint pen, waterproof pens and wax pens
- Removes fine lubricating oil, mould, adhesives, finger-marks



Contents: 125 ml

005968 Qty 110 BC 31

Desiccant "Silica Gel"



3 bags containing 10 g each

005900 Qty 6 BC 33

Contact Cleaner "Glass Fibre"

- To remove dirt and oxidations from electrical contacts
- For batteries and devices
- Length of glass fibre bundle: 25 mm
- Length of pen: 120 mm
- Colour: black



24 pieces in a display box

005629 Qty 6 BC 33

005630 MB 24 CB



Replacement bundles, 2 pcs., length: 25 mm

005628 Qty 6 BC 30