

# DIGITAL MICROSCOPE

7-108x

## LCD MacroCam 7X-108X magnification with microscope, magnifier and camera function

This handy digital microscope with 7X to 108X magnification has a multitude of different uses and features a brilliant-resolution lens. Ideal for hobbies, school and work. Even people with poor eyesight will be able to read the smallest details in tables, newspapers, instructions or on street maps with the help of this device.

The integrated LCD colour display delivers sharp, high-resolution detail. Four white high-tech LEDs allow you to examine your objects even in poor light conditions. Image files can be easily transferred to your PC or laptop via the USB port. Use the built-in camera function to capture and save your best images.



[NEW]

Ref. No. 338 926

€ 458.80

### Technical specifications:

Magnification: 7x-108x, optical zoom available with 7X and 27X magnification

Operation modes: digital microscope (27X-108X), digital magnifier (7X-25X), digital camera (1X-7X)

Display: 4.6 cm/1.8" LCD colour display

Illumination: 4 white LEDs, 3 adjustable modes

Image effects: greyscale, inverted colours, split display, relief

Memory: internal Flash memory for saving approx. 60 images (can be viewed with device or transferred to PC by USB cable for viewing/editing)

Size: 120 x 56 x 25 mm

Weight: approx. 70 g (without batteries)

Batteries: 3 x AAA microbatteries (included)

- rechargeable with equipment included, by USB cable (PC) or by mains power (230 V)

Included in delivery: LCD MacroCam, mini USB cable, mains adapter/charger cable, 3 x AAA NiMH batteries, software CD and instructions

Operating language for device: English



# POCKET MICROSCOPE

	Description	Ref. No.	Price
 <p>A black, cylindrical zoom microscope with a lens at the top and a base. It is shown next to several coins (Euro and US) and a small object, demonstrating its use. A red diagonal banner in the top left corner reads "60-100 X".</p>	<p><b>Zoom microscope wit LED 60-100X</b>            Handy pocket microscope with numerous possible applications such as examining stamps, coins, minerals, small electronic components and much more. Outstanding clarity of image and resolution. Continuous adjustment between 60X and 100X magnification. The LED illumination enables viewing even in poor lighting conditions. Black plastic housing. Incl. batteries (3x '392').            Size: 88 x 30 x 20 mm (3 1/2 x 1 1/4 x 3/4").</p>  	313 090	\$ 55.95
 <p>A silver and black zoom microscope with a lens at the top and a base. It is shown next to a blue lens cap, a small object, and a slide. A red diagonal banner in the top left corner reads "20-40 X".</p>	<p><b>Zoom microscope wit LED 20-40X</b>            Practical zoom microscope with many possible applications for school, studies and leisure. Outstanding clarity of image and resolution. Continuous adjustment between 20X and 40X magnification. The LED light enables optimal illumination of the specimen. Incl. glass slide and batteries (3x LR44).            Size: 102 x 55 x 30 mm (4 x 2 2/10 x 1 1/4").</p>  	305 995	\$ 41.95

# DELUXE MAGNIFIERS

	Description	Ref. No.	Price
	<p><b>Magnifier with rosewood handle 5X</b> Small handle magnifier with gold-plated frame and rosewood handle. Glass lens. 30 mm lens diameter. 5X magnification.</p>	314 752	<p>[NEW] <b>\$ 20.30</b></p>
	<p><b>Foldaway pocket magnifier 5X</b> Magnification: 5X. Superior quality acrylic aspherical lens. Lens mount: high gloss polished metal. Lens diameter: 32 mm (1 1/4"). Leather protective case.</p>	309 153	<b>\$ 32.50</b>
	<p><b>Magnifier with gold-plated rim 3X</b> Rosewood handle and crystal lens. Diameter: 50 mm (2"). Magnification 3X.</p>	305 535	<b>\$ 29.95</b>
	<p><b>4X gold or chrome-plated magnifier</b> 4x magnification. The wooden stand included in delivery makes this magnifier a true ornament for your desk. The solid metal edging of the lens and the handle are either gold or chrome-plated. The high-quality glass lens has a diameter of 63 mm, providing an optimal view.</p>	<p>gold-plated 332 680  chrome-plated 306 763</p>	<p>[NEW] <b>\$ 55.90</b>  <b>\$ 55.90</b></p>
	<p><b>Precision magnifiers 10-20X, chrome-plated</b> Precision magnifiers with 10X or 20X magnification. Sharp high resolution to see the finest details (jeweller's quality). Triple lens system with diameter of 18 mm. Achromatic and aplanatic lens. Chrome-plated casing. Foldaway. Size: 20 x 20 x 32 mm (3/4 x 3/4 x 1 1/4"). Leather case.</p>	<p>chrome-plated (10X) 302 628  chrome-plated (20X) 338 882</p>	<p><b>\$ 53.80</b>  <b>\$ 67.30</b></p>
	<p><b>Precision magnifiers 10-20x gold-plated</b> See above for description. Gold-plated housing. Foldaway. Size: 20 x 20 x 32 mm (3/4 x 3/4 x 1 1/4"). Leather case.</p>	<p>gold-plated (10X) 338 879  gold-plated (20X) 338 888</p>	<p>[NEW] <b>\$ 67.30</b>  <b>\$ 80.80</b></p>

# ILLUMINATED MAGNIFIERS

	Description	Ref. No.	Price
	<p><b>Cheque card magnifier 3X</b> This magnifier is ideally-suited for use out and about. With a thickness of only 4 mm it fits comfortably even into your trouser pocket. Lens diameter: 33 mm (1 1/8"). 3X magnification. Size: 84 mm (3 1/3") length, 54 mm (2") width. The magnifier has an integrated white LED lamp with a built-in battery. Leatherette slipcase included in delivery.</p>	316 350	<b>\$ 16.50</b>
	<p><b>Frameless LED illuminated magnifier 2.5X</b> with high-quality acrylic lens and modern, ergonomically designed handle. Excellent optical quality. Lens diameter: 75 mm (3"). Magnification: 2.5X. 2 LED's. Battery operated, 3x coin cell SR54 (IEC standard/battery incl.). Comes in a soft protective pouch.</p>	307 746	<b>\$ 27.50</b>
	<p><b>Handy LED magnifier 7X</b> Lens diameter: 35 mm (1 1/3"). 7X magnification. Includes three batteries (AAA). LED technology. Aspheric perspex lens.</p>	324 404	<b>\$ 24.50</b>
	<p><b>2.5X table magnifier with adjustable arm</b> Practical table magnifier with flexible arm. 2 lenses: 2.5X magnification (lens diameter 88mm) and 5X magnification (lens diameter 21mm) Two white LED lamps allow you to examine your collection in poor light conditions. Foam-lined base to protect surfaces. Incl. batteries (4x LR1130).</p>	338 878	<p style="text-align: center; font-size: 2em; opacity: 0.5;">[NEW]</p> <b>\$ 53.80</b>
	<p><b>Illuminated magnifier with stand 2.5X</b> For use with or without base. Diameter: 90 mm (3 1/2"). Magnification 2.5X. Requires 2 batteries AA (not included). Suitable for philatelists and coin collectors as well as for do-it-yourself artists.</p>	324 598	<b>\$ 24.90</b>

# ILLUMINATED MAGNIFIERS

	Description	Ref. No.	Price
	<p><b>10X precision magnifier with LED and UV lamp</b> Precision magnifier with 10X magnifier. 3-lens system with achromatic and aplanatic lens for a sharp and colour-accurate image even in the lens periphery. With 6 white hi-tech LEDs. For examining e.g. stamps and banknotes use the integrated longwave UV lamp (comprising 7 UV LEDs). Glass lens (17mm diameter). Foldaway. Incl. 3 x LR927 batteries and leather etui.</p>	<p>338 881</p>	<p>[NEW] \$ 80.80</p>
	<p><b>10X folding magnifier with LED</b> Magnification: 10X, glass lens, 1 LED. Foldaway. Lens diameter: 18 mm (3/4"). Battery operated (battery incl./2 x 3AG12).</p>	<p>329 828</p>	<p>\$ 22.50</p>
	<p><b>LED pull-out magnifier 20X</b> 20X magnification. Black matt plastic housing. 1 LED light. Lens diameter: 21 mm. Operates with 3 x LR1130 batteries (included in delivery). Size: 54 x 34 x 23 mm (2 x 1 1/3 x 1").</p>	<p>321 419</p>	<p>\$ 22.50</p>
	<p><b>10X pull-out magnifier with LED and UV lamp</b> Handy pull-out magnifier with LED illumination. 2 lenses: 10x magnification (21mm lens diameter) and 30X magnification (12mm lens diameter). Distortion-free image up to edge of lens. Incl. longwave UV lamp for examining e.g. stamps and banknotes. Black, matt plastic housing. Incl. 3x LR1130 batteries. Size (extended): 45 x 100 x 23 mm (1 3/4 x 3 9/10 x 1" B/L/H).</p>	<p>338 880</p>	<p>[NEW] \$ 26.90</p>
	<p><b>LED illuminated magnifier 3.2X</b> Lens diameter: 37 mm (1 1/2"), magnification 3,2X, glass lens, casing: aluminium. Battery operated (battery incl./2 x AA 1,5 V). Total length: 173 mm (7"). 6X LED's.</p>	<p>325 392</p>	<p>\$ 55.90</p>

# ILLUMINATED AND SPECIAL MAGNIFIERS

	Description	Ref. No.	Price
	<p><b>10X LED illuminated magnifier</b> extra bright light, now with LEDs, battery operated, adjustable focus ring, 10X magnification with ultra-illumination of the object. Runs on 2 x 1.5 V C/LR14 batteries. 2 bright LEDs.</p>	301 102	<b>\$ 27.50</b>
	<p><b>Illuminated magnifier 5X</b> With light, 5X magnification, lens size: 40 x 36 mm (1 2/3" x 1 1/2"), aspherical, retractable. Requires 2 x AAA/UM4 batteries (not included).</p>	307 300	<b>\$ 17.50</b>
	<p><b>Magnifier glasses with LED 1.5-3.5X</b> Practical magnifier glasses for hands-free handicrafts, manual work and examining stamps, coins and much more. Includes three different clip-on magnifier attachments (1.5x, 2.5x and 3.5x magnification) and 2 arms for the optimal configuration of the magnifier and light. Illumination of the examined specimen with integrated LED lamp. Also suitable for those who wear glasses. Incl. batteries.</p>	300 142	<b>\$ 39.95</b>
	<p><b>Magnifier for reading glasses 5X</b> Adjustable to fit all frames. Diameter of lens 30 mm (1 1/4"). 5X magnification. The flexible link allows for precise adjustment for frame and eye.</p>	326 886	<b>\$ 12.50</b>
			
	<p><b>10X Jeweller's magnifier</b> Jeweller's magnifier (eyeglass) for examining e.g. stamps and coins, for repairing watches and much more. 10X magnification. Glass lens (21 mm diameter). Incl. LED lights and adjustable arm. Black, matt plastic housing. Size: 49 x 38 mm (1 9/10 x 1 1/2").</p>	332 317	<p><b>[NEW]</b> <b>\$ 25.00</b></p>

# POCKET AND SPECIAL MAGNIFIERS

	Description	Ref. No.	Price
	<p><b>Magnifying glass with handle 2.5-4X</b>            Glass lens, diam.: 50 mm (approx. 2"), magnification 4X.            Glass lens, diam.: 75 mm (approx. 3"), magnification 3X.            Glass lens, diam.: 90 mm (approx. 3 1/2"), magnification 2.5X.</p>	<p>308 387            337 993            321 182</p>	<p><b>\$ 15.90</b>  <b>\$ 19.50</b>  <b>\$ 21.50</b></p>
	<p><b>Frameless magnifier with handle 2-2.5X</b>            Clear acrylic lens and ergonomic handle. Excellent optical quality. Lightweight for stress free use. The ideal magnifier for any hobby.            Diameter: 75 mm (3") magnification 2.5X.            Diameter: 90 mm (3 1/2") magnification 2X.            Diameter: 100 mm (4 1/2") magnification 2X.</p>	<p>301 472            333 010            304 676</p>	<p><b>\$ 19.95</b>  <b>\$ 24.95</b>  <b>\$ 29.95</b></p>
	<p><b>Stainless steel LED illuminated magnifier 2.5X</b>            First-class acrylic lens and ergonomic modern design metal handle. Excellent optical quality. Lens diameter: 90 mm (3 1/2"). Magnification 2.5X. Battery operated, 3x button cell SR 54 to IEC standard (included), 2 very bright LEDs. Soft material cover to protect lens.</p>	<p>322 400</p>	<p><b>\$ 55.90</b></p>
	<p><b>Folding magnifier 5X</b>  <b>Metal - black matt with cm/inch scale</b>            5X magnification.            Lens coverage: 25 x 25 mm (1 x 1").            Foldaway.            Height: 60 mm (2 1/8").            Lens diameter: 28 mm (1 1/10").</p>	<p>326 732</p>	<p><b>\$ 29.95</b></p>
	<p><b>Folding magnifier 10X</b>  <b>Metal - matte de luxe - chrome-plated - with scale</b>            Height: 31 mm (1 1/8").            Magnification: 10X.            Operational surface: 12 x 12 mm (1/2 x 1/2").            Diameter: 14 mm (1/2").</p>	<p>333 874</p>	<p><b>\$ 27.50</b></p>

# UV EXAMINATION LAMPS



## 4W UV table lamp

For detecting fluorescence and checking stamps, banknotes and credit cards. A wide spectrum of long-wave UV rays. Peak radiation efficiency at 366 nm. 4-watt bulb. Double insulation. Mains operated with 220-230 V - 50-Hz-power supply.

Overall size: 180 x 115 x 75 mm (7 x 4 1/2 x 3").

Ref. No. 317 886

**\$ 49.95**

**Replacement bulb** Ref. No. 325 871

**\$ 53.80**



## 6W UV table lamp

Long wave, plug in desktop model with powerful 6 Watt bulb. 220 Volt. For detection of fluorescence on stamps and tagging on currency or phone cards.

Overall size: 257 x 70 mm (10 1/4 x 2 3/4").

Ref. No. 328 703

**\$ 69.95**



## UV hand lamp (longwave)

Long wave, hand held, portable model for detection of fluorescence of stamps and tagging on currency or phone cards. 4 Watt efficiency. Requires 4 UM AA batteries. Broad spectrum of long waves. Peak efficiency at 366 nm. Reliable detection of luminescence. Suitable for use in most areas. i.e. Canada, Mexico, Norway, France, Hong Kong, People's Republic of China, Russia and definitives of Great Britain after 1992.

Ref. No. 325 773

**\$ 29.95**

**Replacement bulb** Ref. No. 325 514

**\$ 13.40**



## Double UV lamp

This handy UV lamp unites two functions in one device. Stamps, banknotes, credit cards, telephone cards etc. can be examined for both fluorescence and phosphorescence. The combination of short and long UV rays (254/380nm) makes the lamp especially practical for the user. Battery operated: 4x AA. 4 watt (254 nm) or 3-4 mW (380nm).

Ref. No. 325 178

**\$ 110.00**



## UV hand lamp (shortwave)

For the detection of phosphorescence. Short wave UV light. Peak radiation efficiency at 254 nm. For assured phosphorescence detection of stamps from Great Britain, USA, Israel, Finland and older issues from Canada and Mexico. Hand held portable model requires 4 UM AA batteries.

Ref. No. 338 430

(without filter Ref. No. 313 100)

**\$ 85.00**

**Replacement bulb** Ref. No. 314 020

**\$ 53.80**

## Filter attachment for the ultraviolet lamp (Ref. No. 338 430)

The FL 85 filter attachment narrows the spectrum of light from the UV lamp (Ref. No. 338 430), enabling better recognition of the phosphors mixed into or imposed upon the paper of a large number of stamps. For optimal results filter must be used in a darkened room (with as little daylight as possible). Uncomplicated clamping device.

Ref. No. 313 100

**\$ 179.95**



## OTT-LITE® natural light lamp

### Battery operated

Especially suited for colour-true inspection of items such as stamps, banknotes and coins, as well as for artistic and handcraft work.

- Lamp with rechargeable battery
- Up to 3 hours of battery operation with each recharge
- Also operates with alternating current adaptor (included)
- Practical hinged cover which also serves as an on/off switch - height adjustable from approx. 279,4 mm to 482,6 mm
- Compact shape for space-saving storage, with foldaway carry handle
- Energy-saving OTT-LITE® TrueColor™ fluorescent tube with an effective life of up to 10,000 hours
- Faithful colour reproduction, easy colour-matching, colour temperature 5,800 kelvin.
- Sharp contour definition, small details clearly visible!
- Practically glare-free light, easy on the eyes
- Energy-saving, minimal heat radiation

Ref. No. 324 935

**\$ 349.95**

### Replacement fluorescent tube

Ref. No. 315 252

**\$ 59.95**

### With mains operation

design as Ref. 324 935  
- without battery -

Ref. No. 327 351

**\$ 199.95**

### Replacement fluorescent tube

Ref. No. 319 839

**\$ 59.95**

OTT-LITE®  
TRUECOLOR™ LIGHTING  
RECHARGEABLE



### Overlay magnifier for OTT-LITE® natural light lamp Transforms your OTT-LITE® natural light lamp into a lamp with 2x magnification

- The integrated 2x magnifier can be attached on the left or the right
- The 360° turnable foot enables optimal positioning of the lamp
- Sharply-defined, clearly visible small details
- Problem-free colour matching
- Makes all jobs easier
- Magnifier attachment for daylight lamp incl. turnable foot



Ref. No. 301 489

**\$ 110.00**

## Ultrasonic cleaner

Professional stainless steel ultrasonic cleaner for the gentle cleaning of coins, medals, glasses, jewellery, braces, dentures, plastic lenses and other small household and workshop items.

Rubberised basket provides additional protection for your items. Gets rid of grease, fingerprints and other general clinging dirt. Digital timer can be set to the minute. Device cleans with water. The clean can be supplemented with special LIGHTHOUSE coin cleaning baths (see page 82). The ultrasonic cleaning is also recommended as preparation for a chemical clean with our special coin cleaning baths.

Dimensions:

175 x 110 x 150 mm ( $6 \frac{9}{10}$  x  $4 \frac{1}{3}$  x  $5 \frac{9}{10}$ ").

Contains: 0.7 litres. Frequency: 40 kHz.

Ref. No. 310 923

**\$ 349.95**



## Vibration cleaner

Portable vibration cleaner for the gentle cleaning of e.g. coins, medals, glasses, jewellery, braces, dentures, plastic lenses. Frees from grease, fingerprints and other general clinging dirt.

Digital timer can be set to the minute. Device cleans with water. The clean can be supplemented with special LIGHTHOUSE coin cleaning baths (see page 82). The battery-operated vibration cleaner can be used anywhere without any difficulties. White plastic housing.

Dimensions:

190 x 125 x 110 mm ( $7 \frac{1}{2}$  x  $4 \frac{9}{10}$  x  $4 \frac{1}{3}$ ").

Ref. No. 317 590

**\$ 59.95**

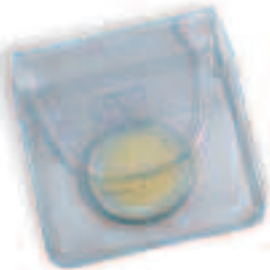
# Digital calliper

- Can be set to zero at any position.
- This enables + and - measurements (measurements of difference).
- Measurement in both mm + inches.
- With depth gauge.
- 6-figure LCD display.
- Battery included.
- Measuring range: 0 to 150 mm (6").
- Unit of measurement: 0.01 mm.
- Accuracy: 0.03 mm.

Ref. No. 308 684 **\$ 77.50**



# Coin pocket



Coin pockets made of crystal-clear hard PVC for coins up to 46 mm (1 3/4").  
100 items per box.

Ref. No. 316 503

**\$ 24.95**

# Digital coin scales

The practical pocket size makes our digital coin scale ideal for use on the move as well.

- LCD display.
- Foldaway.
- Battery operated 2 x 3 V AAA.
- Overall size: 80 x 120 mm (3 1/4 x 4 3/4")

**0,01 - 50 g**

Measuring tolerance +/- 0,02 g

Ref. No. 303 863

**\$ 99.95**

**0,1 - 500 g**

Measuring tolerance +/- 0,2 g

Ref. No. 326 729

**\$ 95.00**



# Coin roll

The coin roll is made from high-quality, soft, velvet-like fabric and has two fastening ribbons. 24 coins up to a diameter of 50 mm can be stored inside. Coin capsules, **QUADRUM** coin capsules or coin holders can also be accommodated. The coin roll is particularly suitable as a transportation pouch or for archiving in a deposit box or safe.

Dimensions (when open):

650 x 260 mm (25 2/3 x 10 1/4").

Ref. No. 303 987

**\$ 69.80**





## Coin cleaning fluids

**\$ 27.50**

Environmentally safe liquid cleaners for instant and gentle removal of **oxidation** on coins. Simply – submerge coins 4 to 8 minutes, rinse thoroughly, dry with a soft cloth. Contents 7 Fl oz (200 ml).

For gold Ref. No. 336 203

For silver Ref. No. 317 893

For copper Ref. No. 321 584

(also suitable for brass, nickel and bronze!)

### Extra mild coin cleaning fluid

For all coins without oxidation.

Contents 7 Fl oz (200 ml).

For all precious metals. Ref. No. 318 851

#### Note:

The coin polishing cloth is ideal for e.g. cleaning 'used' coins in circulation. We would like to point out that "proof" or "proof-like" quality coins should generally not be cleaned in order to preserve their value.

**[NEW]**



## Coin polishing cloth

This very finely woven, fleecy coin polishing cloth leaves your coins shiny and gleaming again.

The polishing cloth is impregnated to make heavy dirt and tarnishing disappear with easy rubbing.

Also suitable for cleaning jewellery and cutlery.

Ref. No. 327 112

**\$ 13.40**

## Cotton coin glove

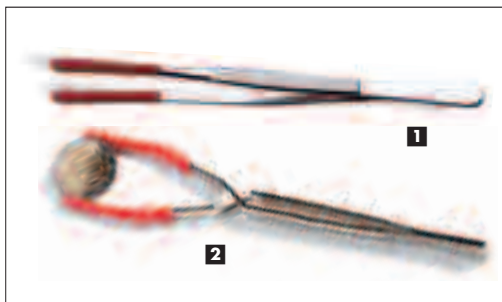
Your coins need "soft touch".

Gloves made of 100% pure unbleached cotton.

Strong, safe and soft. One size fits all.

Ref. No. 305 929

**\$ 5.95**



## Coin tongs

This coin tong is both practical and safe.

The plastic coating protects the coin from harm while holding it securely.

**1** Ref. No. 313 240

**\$ 9.95**

**2** No. 331 264

**\$ 29.95**

# AND MUCH MORE TOO ...

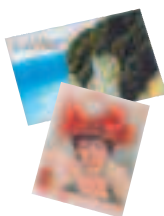
## For stamps



- Lighthouse illustrated albums
- Clear punched pockets
- and much more besides
- Drying cloths
- UV appliances
- Approval cards
- SF mounts
- Tongs
- Stockbooks

Contact us for more information!

## For postcards



- **MAXIMUM** postcard and mint sheet album
- **GRANDE** - deluxe A4 ring binder
- **OPTIMA** classic binder with large capacity
- **CARGO XL** collector's case for approval cards, postcards, CDs
- and much more

## For documents, certificates, securities and much more



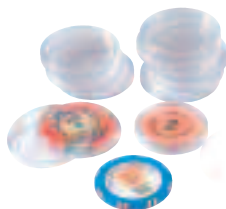
- **FOLIO** album for extra large documents and records
- Classic **GRANDE** album for banknotes and A4 records
- **GRANDEF** binder for up to 60 sheets.
- **MULTI** multi-purpose album for 200 postcards, letters, long FDCs or photos

## For bottle caps and champagne caps



- Etuis · Trays
- Stackable boxes
- Cases · Collector's albums
- **VOLTERRA** de Luxe presentation cases
- Capsules
- and much more

## For casino chips



- **OPTIMA** collector's album
- Aluminium casino chip case
- **VOLTERRA** etui
- Capsules
- Slipcases
- Cases
- UV appliances
- and much more

## For watches, minerals, medals, jewellery ...



- Watch case · Ultrasound cleaner
- Extra tall stackable box with variable compartments
- **CARGO** collector's case for approval cards, postcards, CDs
- and much more

## LEUCHTTURM 1917 DETAILS MAKE THE DIFFERENCE.



NOTEBOOKS AND CALENDARS



LIBRO DOCUMENT FILE



PORTFOLIO CASES



SPRINGBACK BINDER WITH CANVAS COVER



DURA PRIVATE ARCHIVE



TEXTURA SUSPENSION FILE BOX



Order our catalogue today!

## EURO CATALOGUE 2011



[NEW]

Ref. No.  
339 409

\$ 24.20

### Coins and banknotes

All Euro standard and commemorative coins from 1999

- Incl. 2 Euro commemorative coins • Incl. Euro banknotes
- History of the introduction of the Euro • Over 400 colour pages!

## USB digital microscope

20X-200X magnification

More information  
on page 70.

\$ 269.80

[NEW]

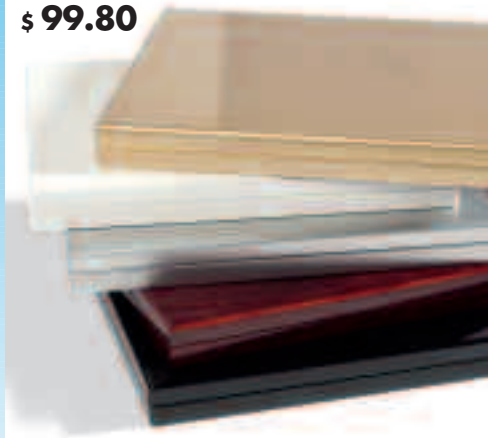


## PIANO presentation case for QUADRUM coin capsules

More information on page 53.

\$ 99.80

[NEW]



## Classic leather NUMIS ring binder with slipcase

More information on page 22.

\$ 80.80

[NEW]



2011