The con-trick of cheap Chinese Digital Microscopes



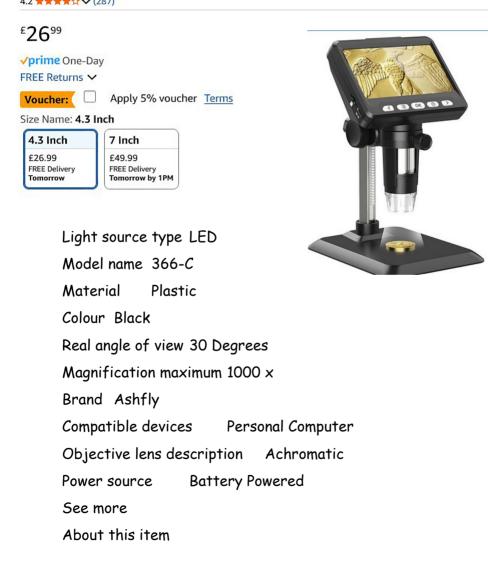
This is the type of microscope you'll see on Amazon, E-bay, Alibaba, and elsewhere. They come in various styles with some boasting larger viewing screens and/or higher levels of magnification.

They promise levels of 100x to 1000x magnification and appear affordable, some sporting 4 star reviews. I bought one to take a look, knowing from experience what I was likely to get.

This is the advert on Amazon for the one I purchased.

Digital Microscope, 4.3 Inch Coin Microscope 1000X, 1080P Compound,Coin Magnifier with 8 Adjustable LED Light, PC View, Compatible with MacOS Windows-Black

Visit the Ashfly Store 4.2 ★★★★☆ (287)



This professional digital microscope system features a 4.3inch IPS screen, ensuring consistent image quality from any viewing angle. Immerse yourself in vibrant colours and crisp imagery, whether you're a professional or an amateur enthusiast

Discover the marvels of the microscopic world! This 4.3inch screen microscope boasts a magnification of up to 500 times, allowing you to effortlessly zoom in or out using the focusing wheel. From coins and PCB boards to insects, plants, and jewellery, every detail is at your fingertips. Choose the Ashfly Welding Microscope and embark on a journey to new visual heights

The Ashfly adult microscope is equipped with 8 highquality LED lights, allowing brightness adjustment from 0% to 100% as needed, without any flicker or blue light. This lighting system creates a comfortable environment for observers, protecting their eyes from harmful light effects

Charge on the go, explore freely! The Ashfly microscope, powered by a rechargeable battery, offers up to 3 hours of continuous use on just a 2-hour charge. Lightweight and portable, it allows you to wander outdoors and discover the wonders of nature at your leisure

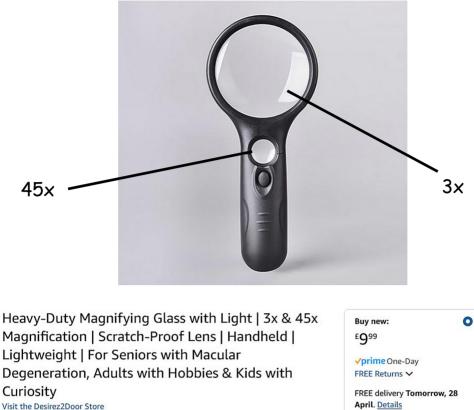
The Ashfly microscope is a wise leader in education! It is a versatile tool with significant educational value, capable of being used for circuit board inspection, skin examination, textile industry, biological observation (excluding cells), quality control testing, and fostering interaction between parents and children or teachers and students. It stands as a guiding light for smart education Christmas Gift for kids: The children's pocket microscope is a one-of-a-kind back-to-school gift that not only brings joy to kids but also ignites their scientific interest and creativity. This is what you get...



Now all this is very good, enabling video and image capture to a memory card or, in fact, to your computer.

The only problem is that it is NOT A MICROSCOPE, it's a **magnifier** which shows an object at 4x true magnification. I think most kids would get more out of a simple 5x magnifying glass.

Anyone genuinely wanting to buy something for their self, or a young child to look at things through a microscope, should steer well clear of these mis-advertised products. And if you were to buy something for a child to explore the tiny world as a first step, something like this (overleaf) would be best to start with.



Or FREE delivery **Tomorrow by 13:00** on orders over £20 of

Prime Same-day & Overnight

item(s). Order within 7 hrs 9

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50+ bought in past month

£**9**99

✓prime One-Day

FREE Returns 🗸

May be available at a lower price from $\underline{other\ sellers},$ potentially without free Prime shipping.

 Brand
 Desire22Door

 Colour
 Black

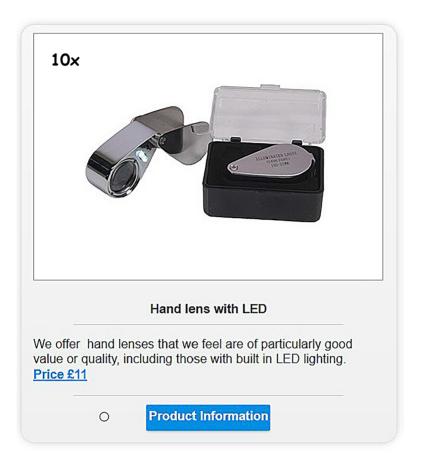
 Batteries required?
 No

 Lens material
 Polycarbonate

 Product dimensions
 11L x 7.5W centimetres

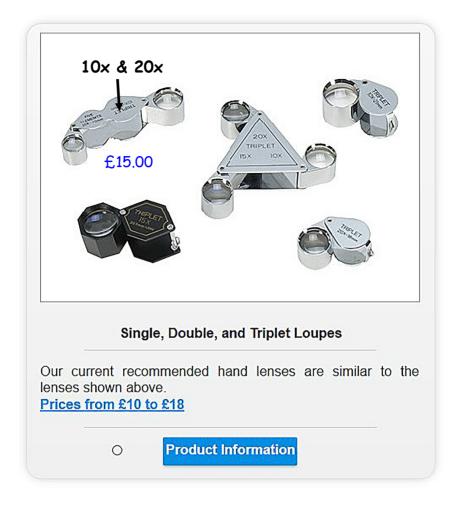
About this item

I've not tested one, but it seems to have a glass lens. Two in fact. The tiny one says 45x, but I doubt it. I would guess, 10x maximum and the small lens is tiny—just under 1 inch. It is most suitable, in my opinion, for a very young child. For an older one, not yet a teenager I would suggest a loupe.



These can be purchased on Amazon, but be careful you select one with glass lenses and in metal, not plastic holders. The ones I show here, I have tested and I can recommend as being of very high quality. These are sold by Brunel Microscopes in the UK.

http://www.brunelmicroscopes.co.uk/fieldmicroscopes.html



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