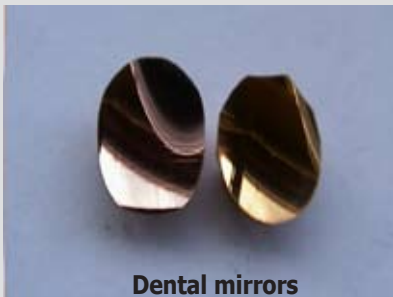




High Quality Mirrors for Medical & Dental Lasers



Mirrors with holes and slots



Dental mirrors



'Lipstick' mirrors



Gold mirror with 2 holes

Why choose Laser Beam Products?

We are well-known for our gold-coated solid metal mirrors. We've been manufacturing for over 21 years and our mirrors are widely used and well-proven in the field. Renowned for their durability, consistent performance and fitness for purpose they can be produced to a wide variety of sizes and specifications making them ideal for use with medical and dental laser systems:

High laser damage resistance

Our Electroplated Gold coating can be used with high power pulsed and CW lasers from 1-20 microns wavelength, tunable lasers, and intense light sources. It is proven with high power CO₂, Er:YAG and fibre lasers. Even at the focal point of a lens the mirror won't damage.

One mirror for multiple wavelengths

...including visible light. Electroplated Gold is 90%+ reflective in the visible, and 99% reflective in the infra red. The same optic can be used with CO₂, Er:YAG and HeNe/green diodes making these mirrors highly adaptable. They are angle of incidence and polarisation insensitive too.

Long operating lifetimes

Even when dirty or dusty the base metal of the mirror will sink locally absorbed heat away from surface hot spots. Mirrors never crack or break. They are widely used in high power metal cutting and welding where long "up times" are needed.

Integrated mirrors and mounts

Our solid metal mirrors can be drilled, threaded, tapped, and have alignment dowels and grooves made in them. This often works out to be cheaper for customers than buying a simple round mirror and separate mount, adjusters etc. Thoughtful mechanical design can speed alignment during assembly and makes field replacement and servicing more consistent. In general, if it can be machined we can make a mirror from it.

For more information and examples visit our website: www.lbp.co.uk

How to contact us:

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Dunton Lane, Biggleswade,

Bedfordshire SG18 8QS

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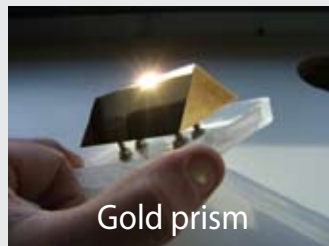




Working with Laser Beam Products

- * We are a well-established business with over 21 years experience and expertise in our field.
- * Our prices are highly competitive.
- * Fabrication, polishing and coating is performed in-house ensuring consistent high-quality products.
- * Unique manufacturing methods allow us to give outstanding service and prices on small volume custom mirrors, as well as large volumes.
- * We will meet your shipping dates and we regularly export all over the world.
- * Our rigorous packing procedures ensure all products arrive in perfect condition for immediate use or storage.
- * We supply standard production parts as well as prototypes for research and development.
- * We refurbish customers used and damaged mirrors to save on the cost of a replacement and avoid unnecessary waste.
- * Extensive in-house testing and measurement capability including phase shifting interferometry, measuring microscopy and laser calorimetry.

To receive automatic news, information and updates from Laser Beam Products, you can read our blog at laserbeamproducts.wordpress.com, follow us on twitter and 'like' us on Facebook.



Gold prism

What some customers have to say about us:

"The last mirrors you reworked for us worked perfectly...they are better than the new ones."
Automotive Manufacturer, Spain

"Thanks for your professionalism how treated my problem. Your products satisfied me perfectly. I am waiting a new occasion to collaborate again."
Dr. Popovici, Romania

"The parts have arrived and are perfect!"
R.Lameira, Portugal

"The trial using the reflector was very successful. We found that we could contaminate and re-clean the reflector with no loss of performance, which gives the customer more confidence."
System Designer, UK Laser OEM



Aluminium Mirrors

Contact us today and see how we can help you:

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