

Graticules

Graticules are manufactured by photolithographically printing a highly accurate pattern onto a glass substrate.

The exact pattern is dependant on the product's application and typically take the form of scales or crosshairs. Our stock products include a range of commonly used patterns for easy integration into existing systems. and can be quickly resized for custom applications.

As well as traditional microscope slides, our graticules are used in sighting systems such as ranging for weapon sights or telescopes. We offer customized graticules manufactured to customer's specifications. Alternatively, we can offer stock designs on substrates designed to fit microscopes from common manufacturers such as Olympus, Leica, Nikon and Sony on short notice. We have access to over 750 designs and sizes not shown on our website.



Custom capabilities

Dimensions	16mm to 50mm+
Substrate	Float glass
Mounting options	Mounted or unmounted
Designs	Lines and crosshairs Stage graticules Circle gauges and protractors Grids and squares Particle sizing

Notes

All products are tested in our state of the art metrology laboratory by our highly trained technicians to ensure compliance with the specification. Parts are then sent to our QA team to be cleaned and checked for surface imperfections before dispatch.

Please contact our technical sales team on (+44) 1622 849 444 to discuss your custom graticules requirements and discover how Knight Optical can help improve your supply chain experience. Alternatively, email us your requirements by clicking on the links below.