Vision
TriTeQ³
www.visiontriteq.com

TriTeQ³ Glasses Free, True 3D Display
Globally patented system offering:

- True stereo 3D with outstanding depth
- Enhanced visualisation of 3D models
- High brightness 3D images in 4K resolution
- Viewing comfort for complex images

Ideal for interfacing with a wide range of digital applications which generate 3D output.

Vision Engineering Ltd has been certified for the quality management system ISO 9001:2015.
TriTeQ³ is a unique, advanced, stereo image presentation system designed to provide fully interactive, real time, natural 3D visualisation with outstanding depth perception.

Vision Engineering’s sustained investment in optical and digital R&D has resulted in the development of globally patented technology (TriTeQ³), to provide unparalleled and unique 3D imaging to users who require high resolution and ergonomic image presentation in real time with maximum depth perception.

Interactive 3D display in 4K resolution

In the era of increasingly sophisticated digital applications, image presentation is critical to improve the interpretation of 3D models and enhance the user experience. In current design model packages, viewing options have serious limitations:

- 2D images on flat screen monitors, some with a quasi 3D option, resulting in lower resolution and significant processing requirements
- Stereo 3D monitors (lenticular or parallax barriers) with limited axial freedom and optical accommodation
- Require eyewear such as shutter or polarising glasses which create flicker and image cross talk
- VR goggles offering total immersion but with issues of coordination, balance and excluded subjects

TriTeQ³ is the latest of many innovations over Vision Engineering’s 60 years. TriTeQ³ technology helps users in design, development, inspection and assembly to see subjects in a unique and extraordinary display, resulting in increased comfort, acuity, accuracy, productivity and efficiency.

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Outstanding depth perception

Applications:
TriTeQ³ can be used across multiple disciplines including mechanical and electronic inspection and assembly, scanning, engineering/electrical/architectural CAD, building information modelling (BIM), 3D conceptual design, visualisation and simulation, medical scanning interpretation, gaming and remote viewing.

Ergonomics:
- No glasses or goggles required
- Consistent light levels avoid eye strain
- Ergonomic and comfortable
- Freedom to wear prescription glasses or contact lenses
- Easy hand to eye coordination

Highlights:
- A unique, fully interactive view
- High brightness 3D images in 4K resolution
- Viewing comfort for complex images
- Stereo 3D with outstanding depth
- Enhanced interpretation & visualisation of 3D models
About us

Vision TriTeQ is a division of Vision Engineering Group. Vision Engineering has been designing and manufacturing ergonomic microscopes, digital instruments, inspection and non-contact measuring systems for over 60 years.

With a philosophy of design innovation, Vision Engineering holds world patents for a number of optical/digital techniques which significantly improve viewing ergonomics and enable customers to improve quality and productivity. With a global footprint, Vision Engineering have manufacturing facilities in the UK and USA plus sales and support offices throughout Europe, the Far East, Asia and the USA.

ISO 9001:2015

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