



Technicut becomes the latest Alicona Edgemaster User

Alicona have announced that Technicut, based in Sheffield, have become the latest user of their Edgemaster system for R&D applications.

As the one of the UK's market leader in rotary cutting tools, Technicut provides innovative and high performance tooling solutions to the aerospace & allied industries for the optimised processing of all application needs.

As part of this they need to understand fully the effect of edge geometry, edge prepping and surface finish on the standard and custom tools they manufacture and have purchased the InfiniteFocus Edgemaster as the instrument of choice.

Manufacturing Director, Warwick Spearing, stated

"We've used optical 3D measurement to verify edge rounding for a number of years but the Alicona system offers some significant advantages particularly for R&D and analysis of wear mechanisms. The resolution which now goes down to 20nm allows the extreme detail of the cutting edge to be checked including direct surface roughness measurement even of polished surfaces. The software options are also very impressive and the Difference module allows us to overlay new and used cutting edges for detailed analysis of wear. We are always working to improve tool performance in order to offer our customers the best possible value and the Alicona system is now an essential part of that process."

Technicut become the latest tool manufacturer to use Alicona as the principle tool in R&D and quality assurance and join companies such as the Sandvik Coromant Group, Sutton Tools and Ceratizit. They also join AMRC in Sheffield as a user who use Alicona technology in many of their cutting tool projects.

The IF-EdgeMaster is an optical 3D measurement device to automatically measure cutting tools regardless of type, size, material or surface finish. Users can measure edge radii $> 2\mu\text{m}$ as well as wedge and clearance angle of cutting edges and surface finish on all types of inserts and shaft tools.

Alicona UK Ltd. Lime Tree House, 15 Lime Tree Walk, Sevenoaks, Kent TN13 1YH UK. Tel. +44(0)1732 746670. sales.uk@alicon.com , www.alicon.com