

Presentation of 3D scanning and CREAFORM 3D Technology

When: 14 November 2018, 10h00 - 12h00

Where: [Nelson Mandela University, North Campus, Engineering Building Phase 2](#)

An introduction to 3D scanning technologies and applications.

- Scan-based-design and dimensional inspection
- Introduction to Creaform 3D scanning technologies by HMR High Tech Machine tools

Scan



Scan-Based-Design



Inspect



Come see how advanced technologies can simplify you design and QC processes

Technologies presented:

- **GO!Scan 3D** portable, hand-held 3D Scanner with color option

The GO!scan 3D is an ideal instrument to capture shapes on free form items like bumpers, dashboards or ergonomics for example shapes of seats

- **HandySCAN 3D** portable, hand – held, metrology – grade 3D Laser Scanner

The above 3D Laser Scanner is a stand-alone device, which does not require any arms, tripod or fixture and is the fastest 3D Scanner on the market and with high accuracy of up to 30 µ

- **MetraSCAN/HandyPROBE portable CMM**

The above system is free of any rigid measurement setup, the part, and optical tracker and wireless probe/3D Scanner can all be moved at any time during the measurement sequence and has a wider measurement volume than other portable CMM's.

The whole system is insensitive to the instabilities of any environment. The MetraSCAN has 7 laser crosses which allows high speed scanning and can also tackle black, multicolored and shiny surfaces.



For more information on the Creaform MetraScan system at Nelson Mandela University contact,

Mr Julien De Klerk

eNtsa - Technology Station Programme and Supplier Development Manager

☎ 041 504 3608 📞 071 382 3359 ✉ Julien.DeKlerk@mandela.ac.za