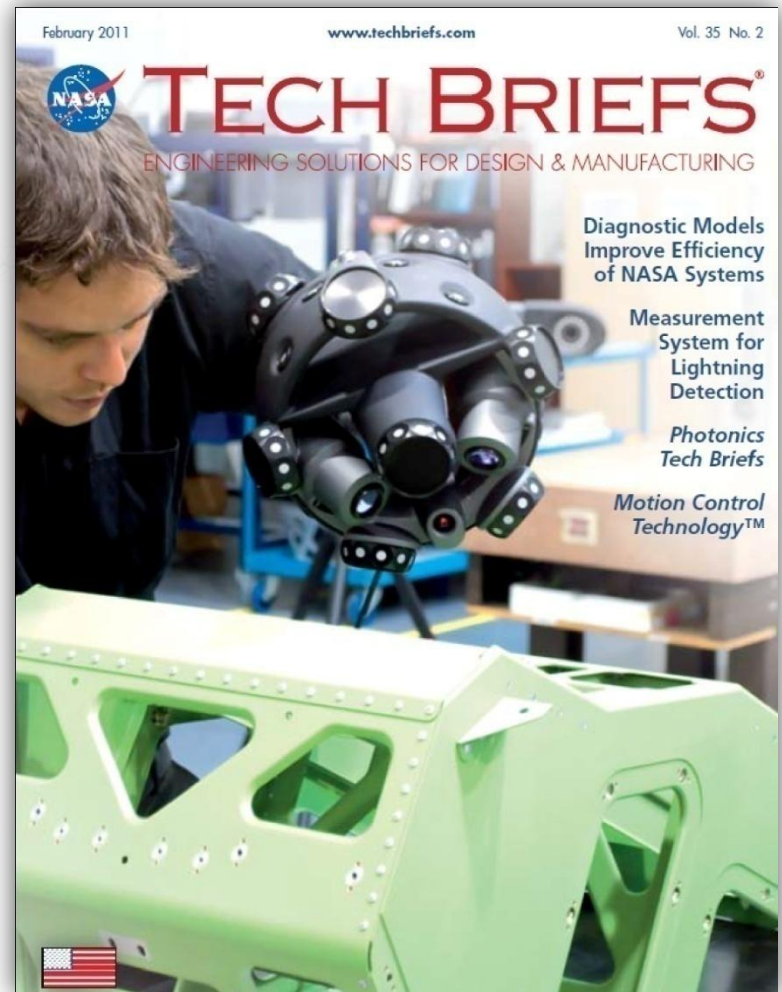




New Product Presentation: Creaform's MetraSCAN

- March 8th 2011

*Daniel Brown
Product Manager*



MetraSCAN Presentation

A little bit of background...

- **2005.** The Handyscan 3D is the undisputed reference for truly portable accurate 3D scanning
- **2009.** The HandyPROBE optical CMMs have set the bar higher among hard probing portable CMM!
- **2010...** *Creaform aims at materializing its vision to provide metrologists with an accurate and fully integrated measurement solution, adapted for repetitive inspection next to the production line...*



METRA
SCAN



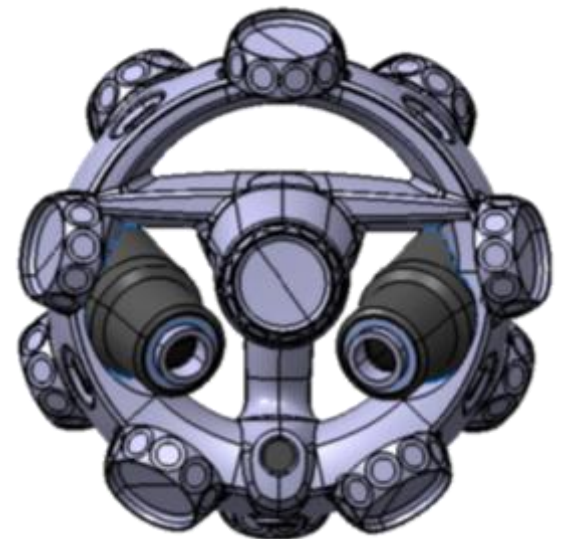
METRATM
SCAN

Filling the Gap in Metrology

- **MetraSCAN:**
The 3Dscanner for dimensional measurement
- The MetraSCAN is what metrologists want:
 - **Complete** solution
 - **Easy** to learn
 - But most importantly, it delivers the quality needed by the most demanding industries (auto, aero, ...)
- MetraSCAN is the **most accurate solution** for shop floor applications and metrology lab inspection.

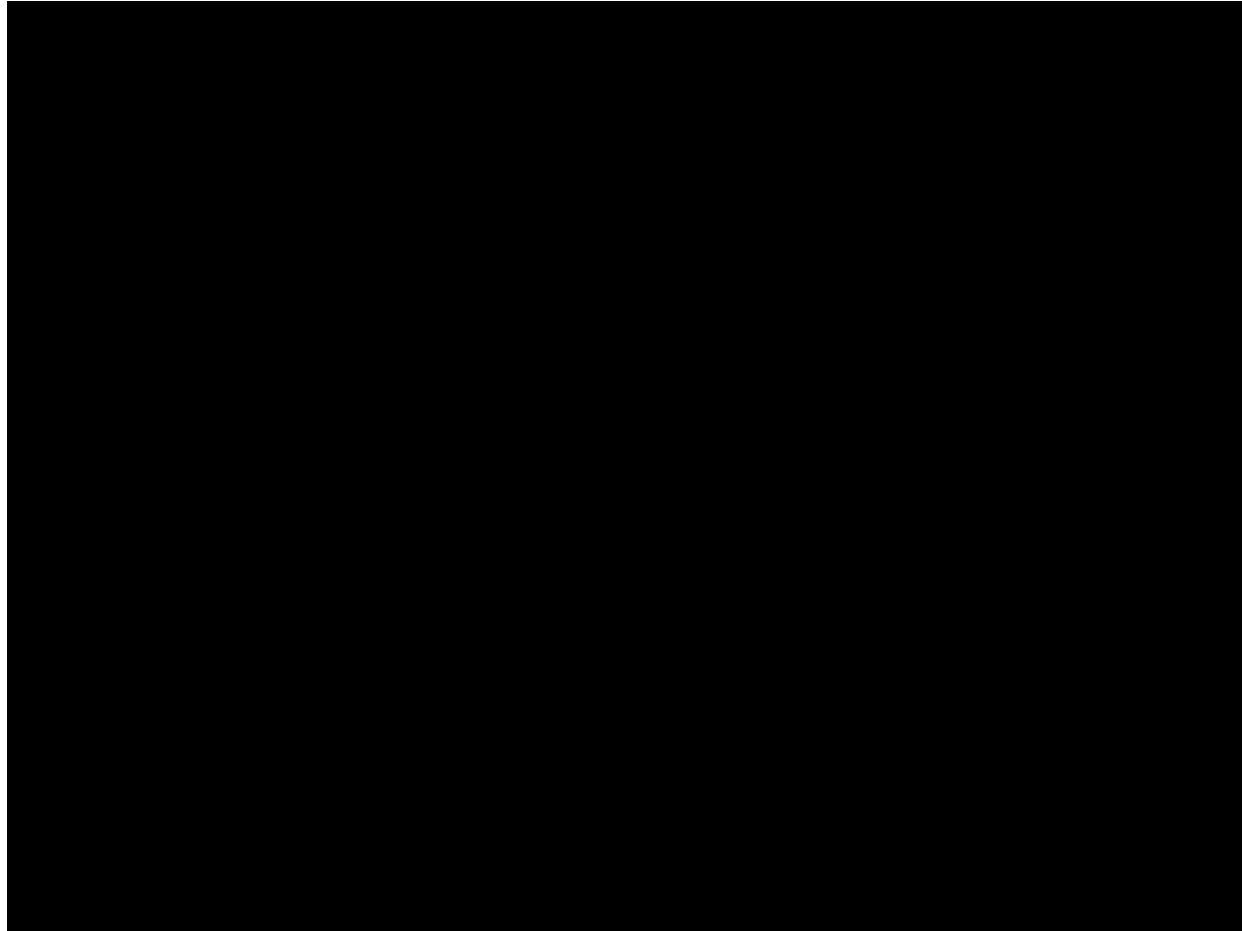
MetraSCAN: Technology & Design

- Technology
 - **Optical CMM 3D Scanner**
 - **TRUaccuracy™ Technology**
- Design
 - **For maximum target localization (360 degrees)**
 - **Rigid carbon design to ensure accurate target positioning**



METRA
SCAN

Let's see it in action!



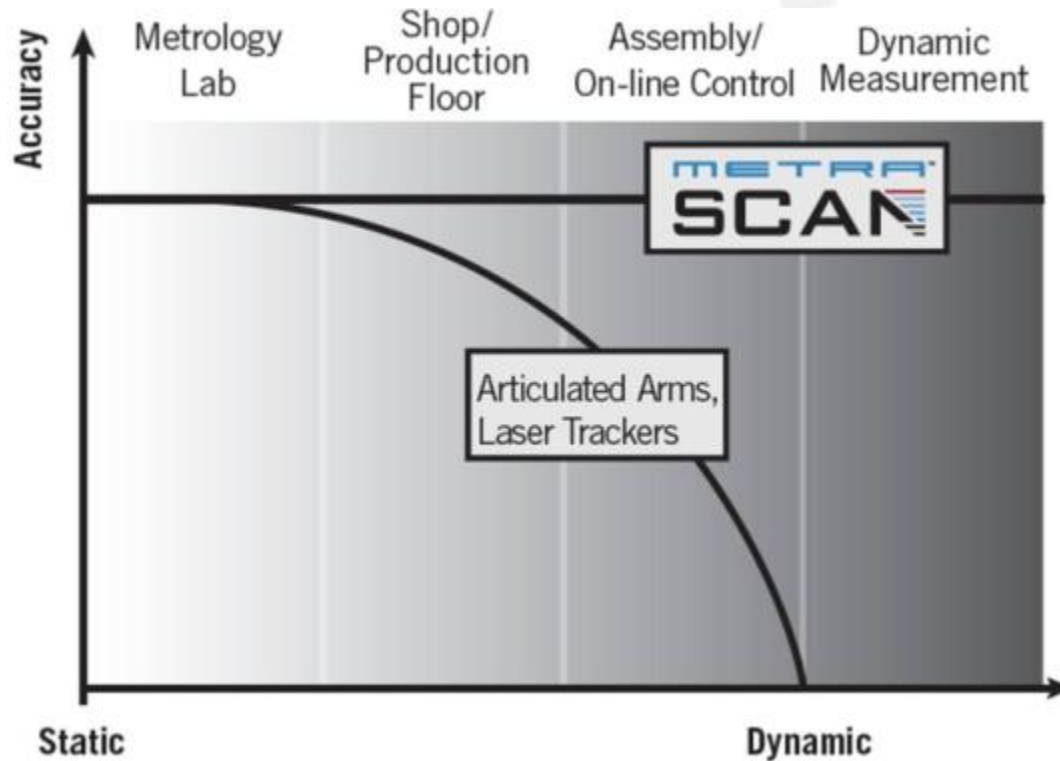
MetraSCAN Key Benefits

- **The Most Accurate Measurement Solution**
 - Scanning and probing accuracy of **0.085mm (0.0033in)**

Featuring TRUaccuracy™

- **Optical technology developed by Creaform's R&D** that ensures accuracy regardless of measurement environment, user experience or setup quality
- Features several functions:
 - Dynamic Referencing
 - Automatic Alignment
 - User Calibration
 - Continuous Parameter Monitoring

TRUaccuracy™



Using the TRUaccuracy algorithms, the MetraSCAN delivers the **best accuracy** in all conditions!

METRA
SCAN

MetraSCAN Key Benefits

- **Complete and Powerful Inspection Solution**
 - **Geometrical and freeform** inspection on the same part with the same system
 - Allows efficient repetitive inspections



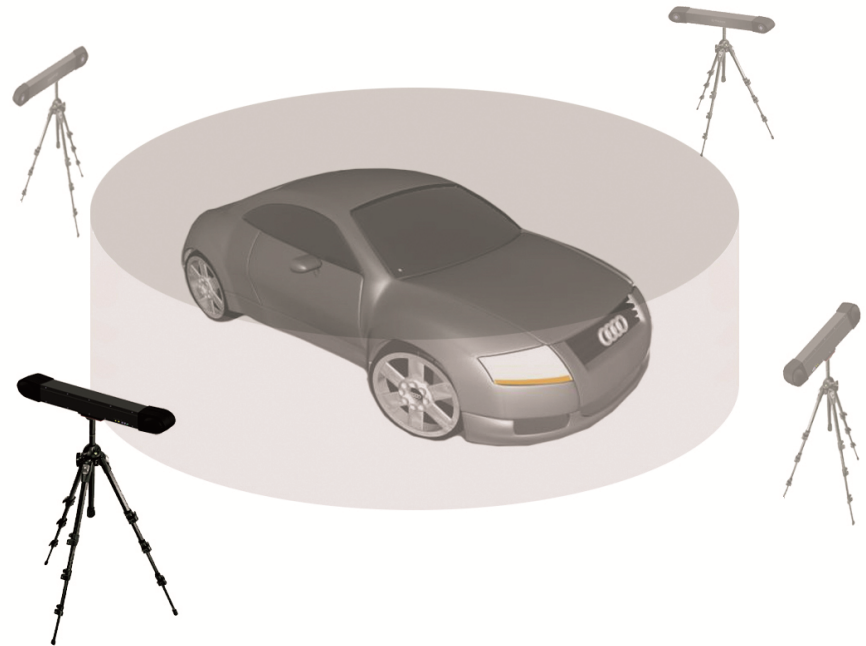
METRA
SCAN

MetraSCAN Key Benefits

- **Faster and Easier Measurement**
 - Quick setup and measurement.
 - Full freedom of movement and no mechanical link.
 - Surface & feature inspection using the same system.
 - Complete inspection with one system.

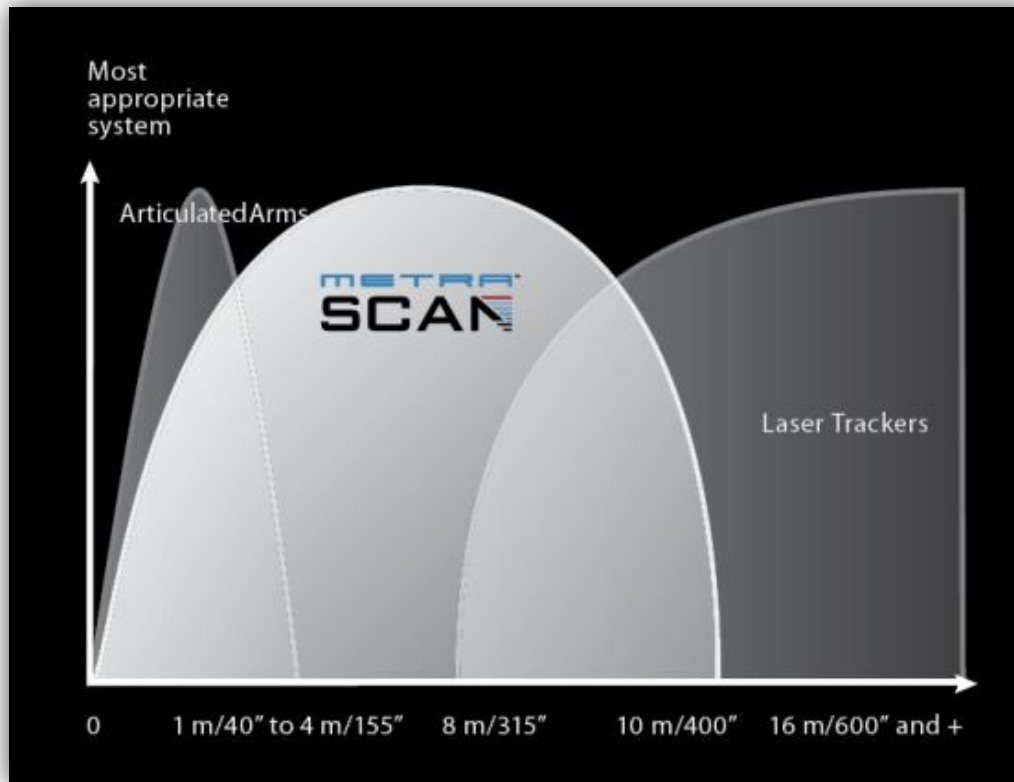
MetraSCAN Key Benefits

- **Greater, Extendable Measurement Volume**
- **Portable Device**
- **Affordable**



MetraSCAN in Metrology

- Closing the Gap



MetraSCAN with HandyPROBE

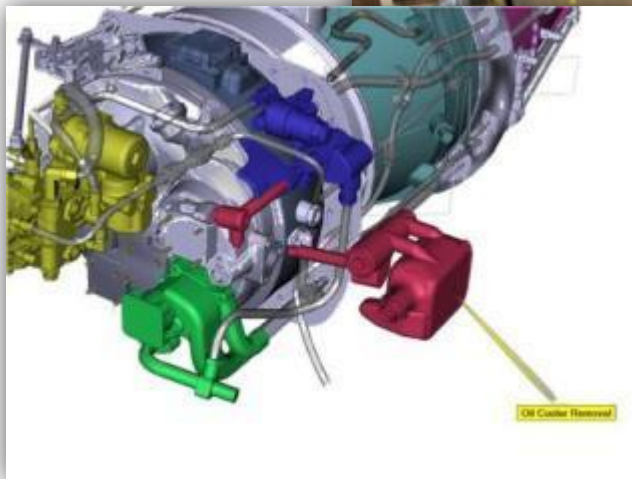
- HandyPROBE
 - A HandyPROBE is needed to use the MetraSCAN.
 - The HandyPROBE is part of the MetraSCAN solution.
 - Together, they deliver the most complete and accurate inspection solution.



**The most complete
and accurate solution
for inspection**

**METRA
SCAN**

MetraSCAN Applications



METRA
SCAN

MetraSCAN Applications

- **First Article Inspection**
- **Tool Testing and Adjustments**
- **Repetitive Inspections on the Production Floor**
- **Flush & Gap Analysis**
- **Maintenance**
- **Assisted Assembly**



Advantages

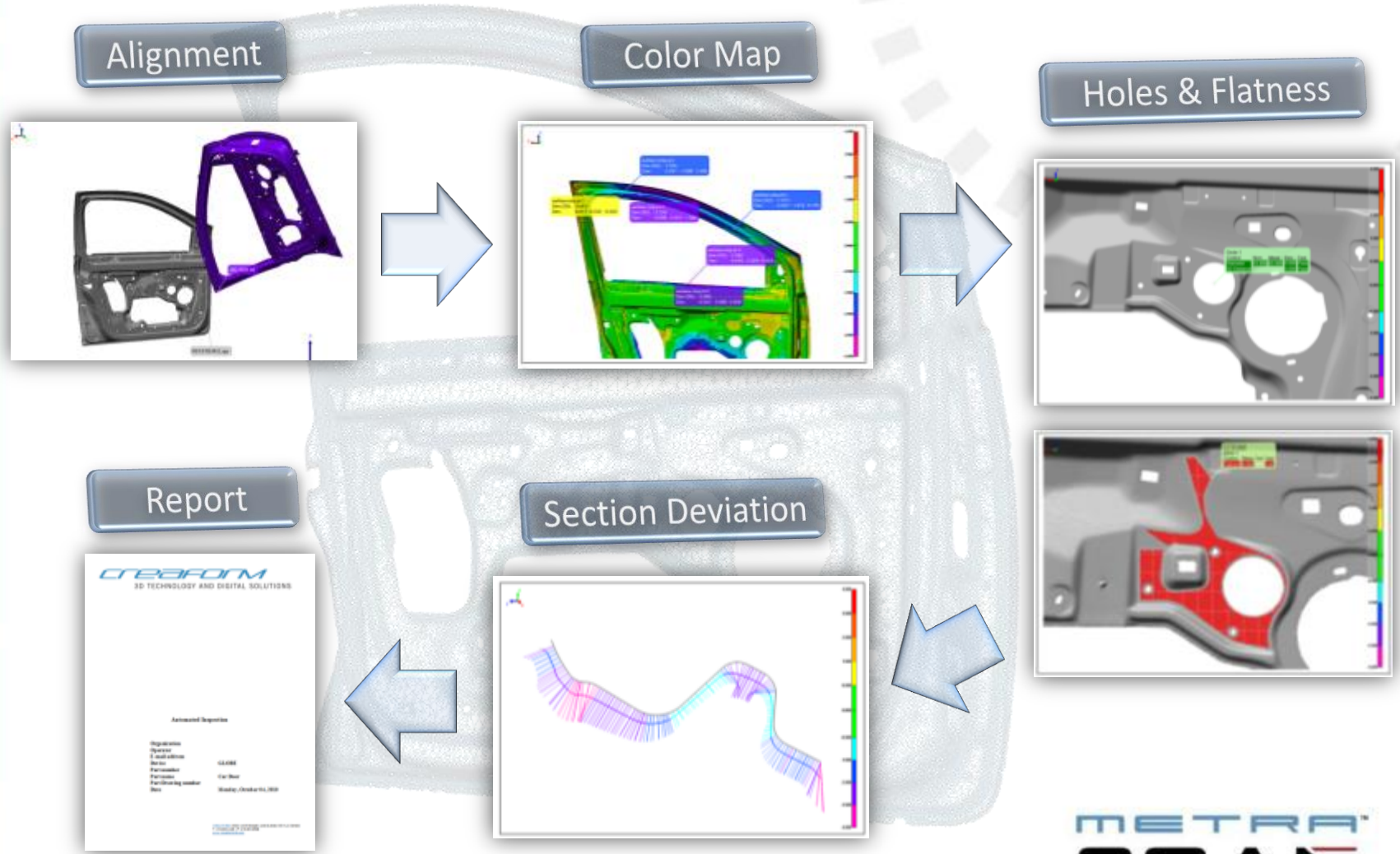
- **Complete** inspection with scanning and probing
- **High-density** measurement
- **Dynamic referencing**: allows other service work during 3D measurement
- **Quick** setup and measurement
- **Automatic alignment** for part inspection on jigs
- Less sensitive to **shiny surfaces**.

MetraSCAN Application Example



METRA
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Inspection Process



MetraSCAN More Info?

- Visit our website:
 - Technology description
 - Brochure
 - In action Video
 - Request a quote!
 - Ask for a demo!



www.creaform3d.com

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Questions?



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