METROLOGY
SOLUTIONS

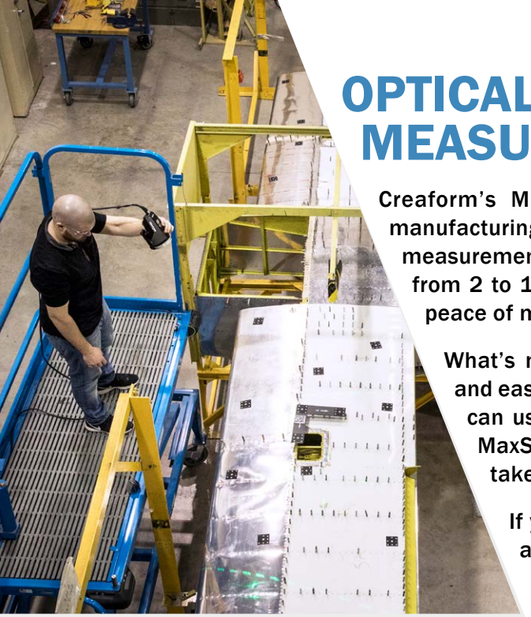
MaxSHOT3D™

YOUR BEST SHOT AT LARGE-SCALE METROLOGY PROJECTS

reddot design award
winner 2017

CREAFORM

AMETEK®
ULTRA PRECISION TECHNOLOGIES



OPTICAL COORDINATE MEASURING SYSTEM

Creaform's MaxSHOT 3D™ is a game changer for product development, manufacturing, quality control and inspection teams that need the highest measurement accuracy and repeatability for large-scale projects and parts from 2 to 10 m. Imagine achieving accuracy better than 0.015mm/m. Gain peace of mind knowing that your measurements are always right on the dot.

What's more, thanks to sophisticated, proven user guidance technology and easy-to-use software, users of all levels—even non-metrology experts—can use the MaxSHOT 3D. Contrary to traditional photogrammetry, the MaxSHOT 3D features automatic feedback before measurement. Never take a bad image again!

If you consistently work on large-scale projects, the MaxSHOT Next™ and Next™|Elite are your go-to solutions to slash budget-busting measurement mistakes, improve product quality, increase process efficiency, and minimize overall operating costs.

SEAMLESS INTEGRATION WITH OTHER CREAFORM TECHNOLOGIES

The MaxSHOT 3D integrates all of the following Creaform technologies for large-scale projects:

HandySCAN 3D ™

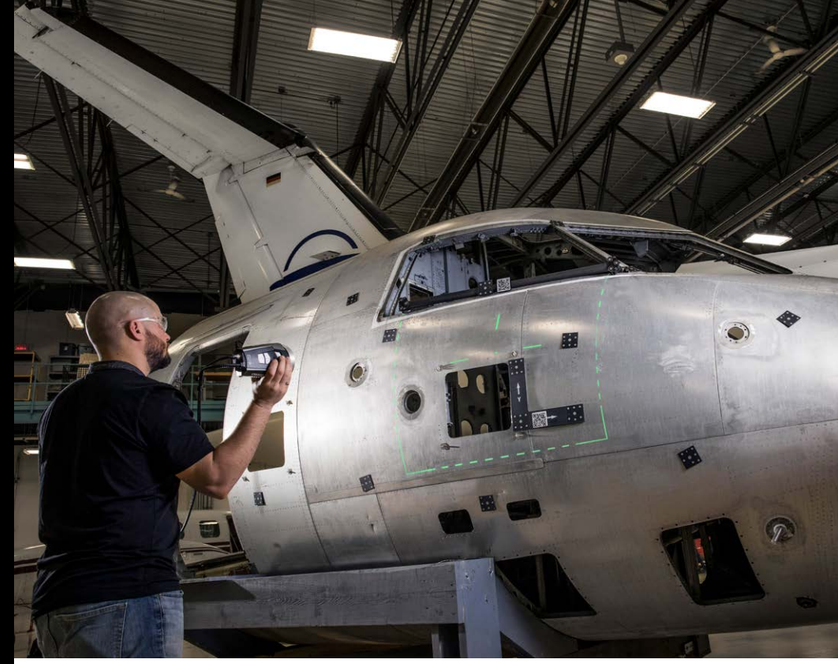
The truly portable metrology-grade 3D scanner that delivers highly accurate measurements.

HandyPROBE ™

The only truly accurate portable CMM with greater, extendable measurement volume.

MetraSCAN 3D ™

The most accurate manual or automated 3D scanning solution, whether in a lab or on the shop floor.



WITH THE MAXSHOT 3D, ENSURE FIRST-TIME-RIGHT DATA ACQUISITION AND MEASUREMENTS

NEVER TAKE A BAD PICTURE AGAIN

The MaxSHOT 3D's laser-projected frame uses simple GO/NO-GO visual feedback to let users know if the image will be good or bad. If the image is good, a green frame will appear, indicating that it can be saved for further treatment and analysis. If it's bad, a red frame will appear, prompting users to take corrective action.

INTUITIVE SOFTWARE DIAGNOSTIC TOOLS

VXelements provides users with easy-to-understand diagnostics to guide them in carrying out the appropriate corrective actions before taking pictures.