

# PolyScan X5

## AN INSTRUMENT OF PERFECTION

The PolyScan X5 is built with accuracy in mind. It is therefore a natural complement to any CMM based inspection, providing most if not all of the needed measurements in a fraction of the time.

**2,000,000**  
MEASUREMENT POINTS

**±5.1µm**  
ACCURACY\*

**24** SCANNING  
UNITS

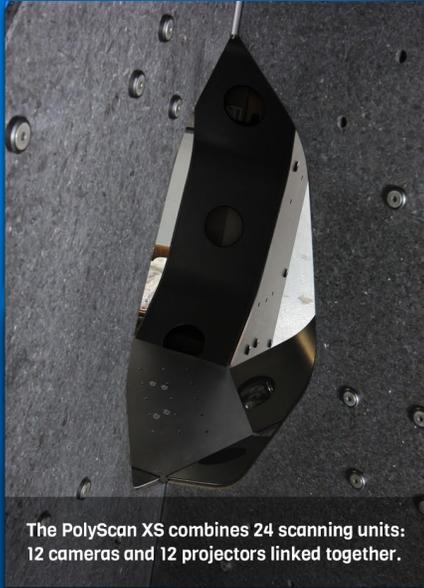
**6** MINUTES/  
PART INSPECTION



|                           |   |                                      |                               |
|---------------------------|---|--------------------------------------|-------------------------------|
| PRECISION<br>UP TO ±1.0µm | MEASUREMENT DENSITY<br>36,800 PTS/IN <sup>2</sup> | VOLUMETRIC ACCURACY*<br>UP TO ±5.1µm | PART SIZE<br>UP TO 15x15x25cm |
|---------------------------|---|--------------------------------------|-------------------------------|

\*BASED ON VDI/VDE 2634 PART 2 THIRD-PARTY EVALUATION ON A 30X30X24CM SCANNING VOLUME.

## ON-SITE INSTALLATION



The Polyscan XS combines 24 scanning units: 12 cameras and 12 projectors linked together.



The Polyscan XS design is inspired by that of an optical table. A massive granite structure on a pneumatic base confers extreme stability.

Our **SURROUND 3D SCANNER™** are by design immobile during the inspection. This makes them safe and simple to operate: place a part in the center and press *Scan*. Their unique calibration avoids the need for data alignment and their multiple baselines increase accuracy when measuring points.

### APPLICATIONS

- › Dimensional Certification
- › In-Process Quality Control
- › Part/Die/Mold Inspection
- › Repair Assistance

### FEATURES

- › Barcode triggering
- › Static Components
- › Full-Object Coverage
- › Multi-viewpoints handle shiny surfaces

### BENEFITS

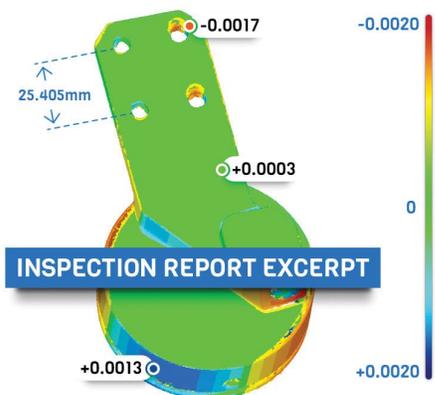
- › No expertise needed
- › Secure operation
- › Statistical Process Control
- › Low operating cost



PART PHOTO



MEASUREMENT POINTS



INSPECTION REPORT EXCERPT