

MEASURING A PART USING DEPTH DATA

ABSTRACT

One example provides a measurement system for a part. The measurement system comprises a part support arranged along a scan path, a measurement head, a plurality of depth sensors arranged on the measurement head, and a calibration monument arranged along the scan path. The calibration monument including a plurality of features representative of part geometry on the part. The measurement system further comprises a controller configured to obtain, from the plurality of depth sensors, depth data of the calibration monument and the part along the scan path, determine a calibration measurement for the plurality of features of the calibration monument from the depth data, and when calibration measurement meets a predetermined calibration condition, determine a part measurement for the part from the depth data.

Fig. 16