Looking ahead: RUB Chances for a circleless "2D/3D total station"

A low cost instrument for surveying, recording of point clouds, documentation, image acquisition and visualisation consistently utilising snapshot feature of 3D cameras. M. Scherer, Ruhr University Bochum, Faculty of Civil and Environmental Engineering, Germany



accuracy, which is currently at 0,7cm + 2,4cm / 10m

ToF (pulse EDM) to minimize systematic errors caused by optical overlay

well as of point density of the 3D camera chip