

general	topic measuring frequency	laserscanner	intelligent tacheometer / robot- totalstation
	measuring frequency		
		high (+)	low (-)
	importance of a single point	low, point cloud or andom distribution	high characteristic points
recording t	time of selection	a posteriori single point not measurable	a priori measurement of single points
	connection of different locations supplementary network	expensive in most cases necessary	simple not applicable
	hidden points	not measurable	partly automatic recording with extrapolation rod
	manual measurement	hardly to be inserted	often avoidable, simple to insert
	remote control	not possible in general	•
	working mode	automatic	half automatic / manual
processing f	finishing work	expensive when extracting corners and edges, s im pie describing complex surfaces	not necessary concerning simply formed surfaces
	stitching	automatic	recording of complex structures possible, it is a question of time
visualization	connection between image and geometry	high degree of automation possible, often much manual work for complex structures	fully automatic directing of the instrument with external images
	rendering	differential rectification nearly automatic automatic rend ering	parametric, differential rectification possible, also automatic rendering on si te
costs	investment	100%	20% - 10%
	universal application	special equipment	universal common equipment
	handling	comparatively expensive	simple













































