



TruMark Series 3000

Technical data

TruMark 3330**TruMark 3020****TruMark 3130****LASER PARAMETERS**

BEAM QUALITY (M ²)	< 1.5	< 1.5	1.2
WAVELENGTH	355 nm	1064 nm	1064 nm
PULSE SEQUENCE FREQUENCY	1 kHz - 120 kHz	cw, 1 kHz - 100 kHz	cw, 1 kHz - 100 kHz
MIN. FOCAL DIAMETER	16 µm with focal length 100 mm	30 µm with focal length 100 mm	28 µm with focal length 100 mm
MAX. INTERNAL FOCAL POSITION CONTROL	± 30 mm bei Brennweite 330 mm	± 60 mm with focal length 420 mm	± 60 mm with focal length 420 mm
MAX. TEXT FIELD SIZE	220 mm x 220 mm bei Brennweite 330 mm	290 mm x 290 mm with focal length 420 mm	290 mm x 290 mm with focal length 420 mm

STRUCTURAL DESIGN

DIMENSIONS OF LASER HEAD (W X H X D)	138 mm x 207 mm x 450 mm	138 mm x 138 mm x 380 mm	138 mm x 138 mm x 380 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 465 mm x 420 mm	445 mm x 465 mm x 420 mm	445 mm x 465 mm x 420 mm

INSTALLATION

PROTECTION CLASS	IP54	IP54	IP54
AMBIENT TEMPERATURE	15 °C - 40 °C	15 °C - 40 °C	15 °C - 40 °C

TruMark 3230**LASER PARAMETERS**

BEAM QUALITY (M ²)	< 1.2
WAVELENGTH	532 nm
PULSE SEQUENCE FREQUENCY	1 kHz - 100 kHz
MIN. FOCAL DIAMETER	15 µm with focal length 100 mm
MAX. INTERNAL FOCAL POSITION CONTROL	± 40 mm with focal length 330 mm
MAX. TEXT FIELD SIZE	230 mm x 230 mm with focal length 330 mm

STRUCTURAL DESIGN

DIMENSIONS OF LASER HEAD (W X H X D)	138 mm x 138 mm x 380 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 465 mm x 420 mm

INSTALLATION

PROTECTION CLASS	IP54
AMBIENT TEMPERATURE	15 °C - 40 °C