



TruMark Series 5000

Technical data

TruMark 5020

TruMark 5040

TruMark 5050

LASER PARAMETERS

BEAM QUALITY (M ²)	< 2	< 3.7	≤ 1.6
WAVELENGTH	1062 nm ± 3 nm	1062 nm ± 3 nm	1062 nm ± 3 nm
PULSE SEQUENCE FREQUENCY	cw, cwm, 1 kHz - 1000 kHz	cw, cwm, 1 kHz - 1000 kHz	cw, cwm, 1 kHz - 1000 kHz
MIN. FOCAL DIAMETER	41 µm with focal length 100 mm	70 µm with focal length 100 mm	36 µm with focal length 100 mm
MAX. INTERNAL FOCAL POSITION CONTROL	± 60 mm with focal length 420 mm	± 60 mm with focal length 420 mm	± 60 mm with focal length 420 mm
MAX. TEXT FIELD SIZE	290 mm x 290 mm with focal length 420 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)	414 mm x 131 mm x 147 mm	414 mm x 131 mm x 157 mm	414 mm x 131 mm x 147 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 550 mm x 420 mm	445 mm x 550 mm x 420 mm	445 mm x 550 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 5070

LASER PARAMETERS

BEAM QUALITY (M ²)	< 3.7
WAVELENGTH	1062 nm ± 3 nm
PULSE SEQUENCE FREQUENCY	cw, cwm, 1 kHz - 1000 kHz
MIN. FOCAL DIAMETER	70 µm with focal length 100 mm
MAX. INTERNAL FOCAL POSITION CONTROL	± 60 mm with focal length 420 mm
MAX. TEXT FIELD SIZE	290 mm x 290 mm with focal length 420 mm

STRUCTURAL DESIGN

DIMENSIONS OF LASER HEAD (W X H X D)	414 mm x 131 mm x 157 mm
DIMENSIONS OF SUPPLY UNIT (W X H X D)	445 mm x 550 mm x 420 mm

INSTALLATION

PROTECTION CLASS	IP54
AMBIENT TEMPERATURE	15 °C - 35 °C