



# TruDiode

Technical data



**TruDiode 151****TruDiode 301****TruDiode 603****LASER PARAMETERS**

LASER POWER AT THE WORKPIECE	150 W	300 W	600 W
POWER CONSTANCY AT RATED LASER OUTPUT	± 1 %	± 1 %	± 1 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	3 W - 150 W	6 W - 300 W	12 W - 600 W
BEAM QUALITY	8 mm ■ mrad	8 mm ■ mrad	16 mm ■ mrad
NUMERICAL APERTURE	0.12	0.12	0.12
WAVELENGTH	920 nm - 970 nm	920 nm - 1050 nm	920 nm - 1050 nm
MIN. LASER LIGHT CABLE DIAMETER	150 µm	150 µm	300 µm

**STRUCTURAL DESIGN**

DIMENSIONS (W X H X D)	-	-	1036 mm x 1250 mm x 709 mm
DIMENSIONS, 19" VERSION (W X H X D)	483 mm x 495 mm x 513 mm	483 mm x 495 mm x 513 mm	-
MAX. NUMBER OF LASER LIGHT CABLES	2	2	4

**INSTALLATION**

PROTECTION TYPE	-	-	IP54
AMBIENT TEMPERATURE	5 °C - 40 °C	5 °C - 40 °C	5 °C - 45 °C

**TruDiode 903****LASER PARAMETERS**

LASER POWER AT THE WORKPIECE	900 W
POWER CONSTANCY AT RATED LASER OUTPUT	± 1 %
CONTINUOUSLY ADJUSTABLE POWER RANGE	18 W - 900 W
BEAM QUALITY	16 mm ■ mrad
NUMERICAL APERTURE	0.12
WAVELENGTH	920 nm - 1050 nm
MIN. LASER LIGHT CABLE DIAMETER	300 µm

**STRUCTURAL DESIGN**

DIMENSIONS (W X H X D)	1036 mm x 1250 mm x 709 mm
DIMENSIONS, 19" VERSION (W X H X D)	-
MAX. NUMBER OF LASER LIGHT CABLES	4

**INSTALLATION**

PROTECTION TYPE	IP54
AMBIENT TEMPERATURE	5 °C - 45 °C

Subject to changes. The information in our offer and our order confirmation is definitive.