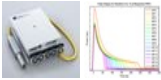


# TRUMPF TruPulse 2002 nano (FK10-EP) | 1062nm, 20W Fiber Laser

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TRUMPF TruPulse nano Lasers



Stock **#18-306** CLEARANCE 3-4 DAYS

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€8.095,50

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**Operating Temperature (°C):**  
0 to +45

**Polarization:**  
Random

|                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dimensions (mm):</b><br>347 x201 x95                                                                                                                                                                                           |
| <b>Wavelength (nm):</b><br>1,062.00 ±3                                                                                                                                                                                            |
| <b>Mode Quality, M²:</b><br><1.6 (1.3 typical)                                                                                                                                                                                    |
| <b>Power Supply:</b><br>Power Supply Required and Sold Separately.<br>USA: <a href="#">#18-311</a><br>Europe: <a href="#">#18-311</a><br>Japan: <a href="#">#18-311</a><br>Korea: <a href="#">#18-311</a><br>China: Not Available |
| <b>Power Requirement:</b><br>24 VDC, 250 W                                                                                                                                                                                        |
| <b>Cooling Method:</b><br>Air                                                                                                                                                                                                     |
| <b>Output Power (W):</b><br>20                                                                                                                                                                                                    |
| <b>Note:</b><br>Includes:<br>1 x3m Optical Cable<br>1 x Integral Red Alignment Laser (RAL)<br>1 x F75 Removeable Collimator without Flange<br>1 x Break-out Board<br>1 x RS232 Cable                                              |
| <b>Beam Diameter (mm):</b><br>7.5 ±1.5                                                                                                                                                                                            |
| <b>Manufacturer:</b><br>TRUMPF                                                                                                                                                                                                    |
| <b>Output Type:</b><br>Fiber-Coupled                                                                                                                                                                                              |
| <b>Type of Laser:</b><br>Fiber                                                                                                                                                                                                    |
| <b>Beam Divergence (mrad):</b><br>0.36 ±0.072                                                                                                                                                                                     |
| <b>Laser Class - CDRH:</b><br>4                                                                                                                                                                                                   |
| <b>Color:</b><br>Infrared                                                                                                                                                                                                         |
| <b>Model Number:</b><br>TruPulse 2002 nano (FK10-EP)                                                                                                                                                                              |
| <b>Peak Power (kW):</b><br>>10                                                                                                                                                                                                    |
| <b>Pulse Energy (mJ):</b><br>>1.2 (maximum)                                                                                                                                                                                       |
| <b>Pulse Width (ns):</b><br>3 - 2000                                                                                                                                                                                              |
| <b>Pulse Repetition Rate PRR (kHz):</b><br>1 - 4000                                                                                                                                                                               |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |