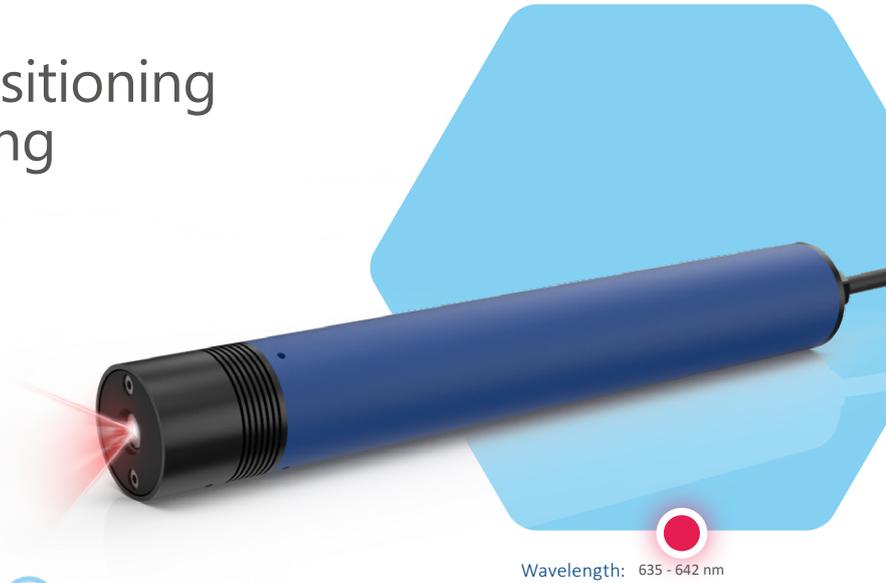


# ZPT-F

## The world's unique positioning laser with Peltier cooling

The ZPT-F with its integrated heavy duty power supply is one of our long time and well known laser series. It is the only laser of its kind with a temperature-stabilized laser source. Due to the integrated focusing option the line projection can be adjusted at site for minimum line width and therefore also for best visibility.

With its design, it is a high-quality and service-friendly precision device.



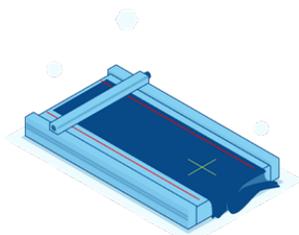
Wavelength: 635 - 642 nm

-   
 Easy Installation
-   
 Output power up to 60 mW
-   
 Shock resistant
-   
 IP 65
-   
 Focusable

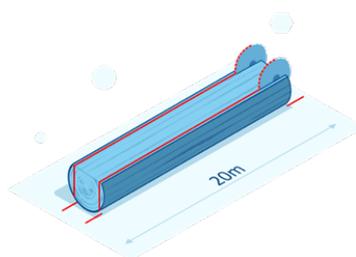
## Highlights

- Red laser for long lines and best visibility
  - Optical output power up to 60 mW
  - Adjustable focus
- Large cooling surface for optimal heat dissipation
  - Temperature-stabilized laser source (Peltier cooling)
- Integrated power supply with high immunity to interference
  - Dimensions: Ø 40mm x 280mm

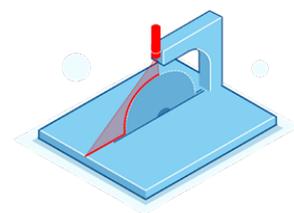
### Sample applications



Textile table



Long homogenous projection



Circular Saw

### Order Code

Z	PT	F	635	?
Output power	Product family	F-focusable	Wavelength	Optic

### System specifications

Wavelength	nm	635-642
Output power	mW	up to 60
Laser operation mode		APC with current limiter

### Electrical specifications

Operating voltage	VAC	90 - 265
Protection		IP65
Connection		Power plug (available with standard, US or EU plug)
Electrical isolation		Potential-free housing

### Optical specifications

Optics		Line, dot elliptical
Focus range	mm	focusable
Laser class		1M, 2M, 2

### Environmental conditions

Operating temperature	°C	-10 up to +50
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### Mechanical specifications

Dimensions	mm	280 x 40 Ø
Material		Aluminium, powder-coated Optic head: anodized aluminium (black)