

# SOLITON Laser- und Messtechnik GmbH

## Access CO2 Laser, model L50

Supply Voltage	28V	48V
Supply Current	35A	20A
Power	50W	100W*
M2	1.2	
Beam Waist Diameter	2.4mm	
Waist Location	Output Coupler	
Full Div Angle	5.5mrad	
Power Stability	+/-5%	+/-5%
Wavelength	10.5 $\mu$ m - 10.7 $\mu$ m	
Rise Time	200 $\mu$ s	100 $\mu$ s
Fall Time	200 $\mu$ s	100 $\mu$ s
Cooling Requirements	Water	
Laser Dimensions	32 x 3.8 x 8	
RF Supply Dimensions	9.6 x 7.2 x 5.7	

- Options
- real-time power sampling
  - isotopic gas fill
  - linear polarization
  - co gas fill

\*Peak Power Super Puls



### **Specifications**

Lasertype: gas laser

Wavelength: 10,5 $\mu$ m-10,7 $\mu$ m

Reprate: CW / Super Puls

Power: 50W / 100W Super Puls

### **Additional Information**

Key number: 51

Contact:

Markus Eib

**[www.soliton-gmbh.de](http://www.soliton-gmbh.de)**

**[info@soliton-gmbh.de](mailto:info@soliton-gmbh.de)**

**Tel.: +49 (0)8105-7792-0 Fax: +49 (0)8105-7792-77**

**Talhofstraße 32 - 82205 Gilching**