

# SOLITON Laser- und Messtechnik GmbH

## Access CO2 Laser, model AL30

|                      |                             |             |
|----------------------|-----------------------------|-------------|
| Supply Voltage       | 36V                         | 48V         |
| Supply Current       | 16A                         | 12A         |
| Power                | 30W                         | 60W*        |
| M2                   | 1.1                         |             |
| 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            | 100 $\mu$ s                 | 100 $\mu$ s |
| Fall Time            | 100 $\mu$ s                 | 100 $\mu$ s |
| Cooling Requirements | Air Cooled                  |             |
| Laser Dimensions     | 20.8 x 3.9 x 6.5            |             |
| RF Supply Dimensions | 9.6 x 2.7 x 3.4             |             |

- Options
- real-time power sampling
  - isotopic gas fill
  - water cooling

\*Peak Power Super Puls



### **Specifications**

Lasertype: gas laser

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

Reprate: CW / Super Puls

Power: 30W / 60W Super Puls

### **Additional Information**

Key number: 51

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