



FLUX Laser Tube(30W) Main Parameters

Wavelength: 10.6 μ m	Rated power: 25W
Length: 550 \pm 5mm	Excitation mode: DC high voltage excitation
Diameter: 50 \pm 1mm	Max. power: 30W
Ignition voltage: 13–15KV	Stability: $\leq\pm 5\%$
Beam divergence angle: 3.1mrad	Cooling: Water-cooled 15–25 $^{\circ}$ C
Pulse frequency: 100% to 5KHZ	Operating voltage: 10–12KV
Ignition current: 4–5mA	Beam quality: ≤ 1.1
Working current: 15–20mA	Laser mode: fundamental mode
Spot diameter: 4 \pm 1mm	

FLUX Laser Tube(40W) Main Parameters

Wavelength: 10.6 μ m	Rated power: 35W
Length: 700 \pm 5mm	Excitation mode: DC high voltage excitation
Diameter: 50 \pm 1mm	Max. power: 40W
Ignition voltage: 15–17KV	Stability: $\leq\pm 5\%$
Beam divergence angle: 3.1mrad	Cooling: Water-cooled 15–25 $^{\circ}$ C
Pulse frequency: 100% to 5KHZ	Operating voltage: 12–14KV
Ignition current: 4–5mA	Beam quality: ≤ 1.1
Working current: 15–20mA	Laser mode: fundamental mode
Spot diameter: 4 \pm 1mm	

FLUX Laser Tube(50W) Main Parameters

Wavelength: 10.6 μ m	Rated power: 45W
Length: 820 \pm 5mm	Excitation mode: DC high voltage excitation

Diameter: 50±1mm	Max. power: 50W
Ignition voltage: 16–18KV	Stability: ≤±5%
Beam divergence angle: 3.1mrad	Cooling: Water-cooled 15–25°C
Pulse frequency: 100% to 5KHZ	Operating voltage: 14–15KV
Ignition current: 4–5mA	Beam quality: ≤1.1
Working current: 15–20mA	Laser mode: fundamental mode
Spot diameter: 4±1mm	

FLUX Power Supply(30W) Main Parameters	
Type : 110V / 220V CO2 Laser Power Supply	Power : 35-50 Watt
MTBF : over 10000 hours	Response Rate : less 1ms

FLUX Power Supply(40W, 50W) Main Parameters	
Type : 110V / 220V CO2 Laser Power Supply	Power : 35-50 Watt
MTBF : over 10000 hours	Response Rate : less 1ms