

Pulse Clean



No damage material

☆ 200W Pulse Laser

☆ Speed: 20000mm/s

☆ Air-Cooling

☆ Relfar Gun

☆ 9 kinds of clean mode



DHL/Fedex 3-7 Days

MOPA pulsed fiber laser Specifications
(Model: YFPN-200-GLC-LR0506SA)

Optical characteristics

| No. | Characteristics | Parameter value | Unit |
|-----|-----------------------------|-----------------|------|
| 1 | Central wavelength | 1060-1080 | nm |
| 2 | Spectral width @3dB | <5 | nm |
| 3 | Maximum pulse energy | 1.5@135kHz | mJ |
| 4 | Output Power | 200 | W |
| 5 | Power Turning Range | 0-100 | % |
| 6 | Frequency Turning Range | 5-200 | kHz |
| 7 | Laser switching ON/OFF time | <20 | μs |
| 8 | Pulse Width | 150-190@135kHz | ns |
| 9 | Output power instability | <5 | % |
| 10 | Beam quality M ² | <1.8 | / |
| 11 | Polarization direction | Random | / |
| 12 | Resist high reaction | YES | / |
| 13 | Indicator red light | 0.3-2 | mW |
| 14 | Beam diameter (4σ) | 5-7 | mm |
| 15 | Delivery cable length | 5 | m |

Electrical characteristics

| | | | |
|----|--------------------------|-------|-----|
| 16 | Power supply voltage | 48 | VDC |
| 17 | Working current | <16 | A |
| 18 | Power consumption | <748 | W |
| 19 | Recommended power supply | ≥1000 | W |

Environmental requirements

| | | | |
|----|-----------------------|-------------|---|
| 20 | Operating temperature | 0 - 40 | ℃ |
| 21 | Storage temperature | -10 - 60 | ℃ |
| 22 | Cooling Method | Air cooling | / |

Structural characteristics

| | | | |
|----|-----------------|-------------|----|
| 23 | Laser dimension | 345*265*100 | mm |
| 24 | Net weight | <9.5 | kg |

Relfar Pluse Laser Cleaning System



Display Screen



Handheld Cleaning Head

| | |
|-----------------------------|-------------------------------|
| Name | Hand-held Pulse Cleaning Head |
| Model | FWH50-P10A |
| Fiber interface | QCS Ø17 (without isolator) |
| Wavelength scope | 1070±20nm |
| Rated power | ≤300W/pulse |
| Specification of field lens | F210mm |
| Focus length | 270mm |
| Scanning range | 125*125mm |
| Scanning speed | ≤30000mm/s |
| Auxiliary pressure | ≤1Mpa |
| Effective clear aperture | Ø25 |
| Cleaning type | — □ ▨ W ○ ⚙ |
| Weight | 0.76Kg |
| Display screen size | 7 inch |

GZTECH Laser Source

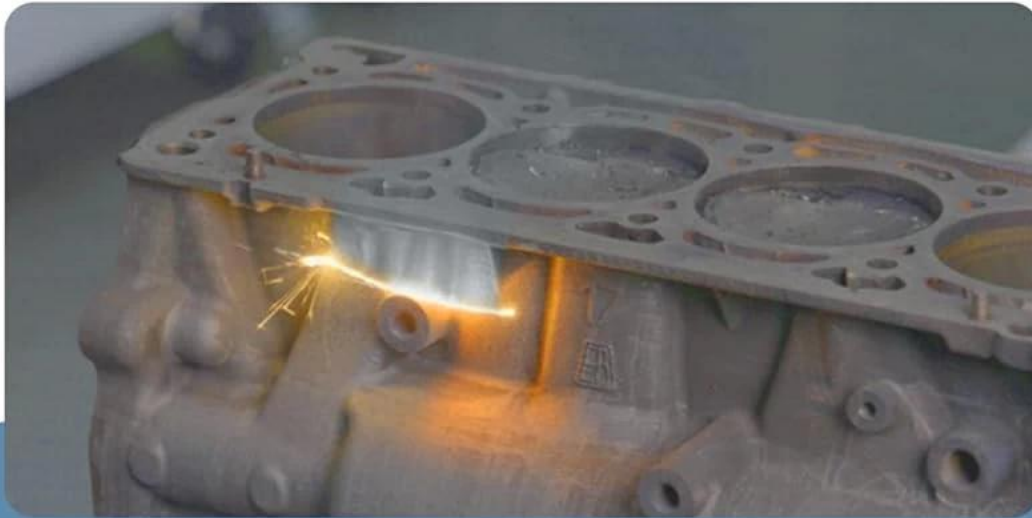


| | | | |
|-----------------------------|--------------------|-----------------------------|---------------|
| Model | YFPN-200 | Frequency Turning Range | 5-200 kHz |
| Central wavelength | 1060-1080nm | Maximum pulse energy | 1.5mJ @135kHz |
| Spectral width @3dB | <5nm | Power Turning Range | 0-100% |
| Output Power | 200W | Laser switching ON/OFF time | <20 ns |
| Pulse Width | 150-190 ns @135kHz | Output power instability | <5% |
| Beam quality M ² | <1.8 | Resist high reaction | YES |
| Polarization direction | Random | Indicator red light | 0.3-2 mW |
| Beam diameter (4σ) | 5-7 mm | Delivery cable length | 5M |
| Working current | <16 A | Power consumption | <748W |

FLEXIBLE AND EFFICIENT, EASY TO CLEAN

Where the Laser Goes All Can be Cleaned

Non-contact 360° cleaning, not limited by space and location,
environmentally friendly without consumables,
Flexible and efficient application to various industrial processing scenarios



Applicable industries



AVIATION
MARINE



ELECTROMECHANICAL



RUBBER MOLD



EQUIPMENT
MANUFACTURING



AUTO PARTS



FOOD PROCESSING

Application to multiple scenarios



Mold cleaning, paint stripping or coating removal, pre-treatment of parts before spraying, aerospace component cleaning, oxides removal pre-treatment before soldering or welding, oil pollution and product residues removal, cultural relics cleaning and repair, etc.

Mill scale of hot-rolled steel, light-colored paint and high-temperature-treated paint or coating are not easy to remove. Please confirm with us before placing an order. It would be better to send samples for testing.

Package list For Pulsed laser cleaning machine

| | | |
|--|--|--|
|  |  |  |
| 200W Pulse Laser Cleaning Machine | 7" LCD Display Screen | GZTECH Laser Source (200W/300W/500W Can be Selected) |
|  |  |  |
| FWH50-P10A Pulse laser cleaning gun | Positioning frame(Removable) | Blowing device (Removable) |
|  |  |  |
| 4pc protective lens | parts 1 | parts 2 |