

## CleanLase™ 707



### Advanced Features:

- Surface location sensor
- Shield gas control
- Process library

### Optional Features:

- Dust extraction
- Surface quality scan

**A laser cleaning engine for high-quality industrial processes:**

- Peak Performance: 70 J/cm<sup>2</sup> @ 70 MW/cm<sup>2</sup>
- Adjustable Fluence: 0.7 - 70 J/cm<sup>2</sup>
- Selectable scan area with digital control interface
- Scan Speeds up to 7.7 cm<sup>2</sup>/sec at Peak Performance

**Rugged and reliable  
air-cooled system for  
flexible implementation.**

**Compact and light 19"  
rack form factor enables  
integration on robots  
or motorized gantries.**



# CleanLase™ 707

The **CleanLase™ 707** is a proven solution for laser cleaning applications.

**(I) Facilitates Application Development:**

The **CleanLase™ 707** is designed and fabricated by experts in laser material processing; it is designed to enable easy application development.

The **CleanLase™ 707** expert wizard guides the user into a series of steps to optimize the laser cleaning process; **CleanLase™ 707** enables rapid process development for optimum productivity.

**(II) Configurable Cleaning Area:**

The **CleanLase™ 707** can address arbitrary shapes and area, over a 6" X 6" maximum unit field. A configurable software interface facilitates processes for system integration with motion systems or robot arms.

**(III) Mobile Design:**

The optical head is built with advanced opto-mechatronic components and it is weighed less than 5 lbs: amongst the lightest in the industry.

The main body of the **CleanLase™ 707** system is the controller built on the standard 19" Rack form factor. It weighs less than 75 lbs and sits on casters. The system can easily be moved between workstations by a single person.

**(IV) Rugged & Compact Design:**

The sealed laser head is designed to resist the industrial environment; easy and straightforward maintenance is only required 2-4 times per year.

