

## DMR Laser Process Unit



### Specifications:

- Fiber Cable lengths from 10m to 30m (additional lengths available upon request)
- Scan Rate: Exceeds 30m/s
- Power Range: 20W – 10kW
- Wavelengths: 255nm – 1550nm
- Focus Range: 100mm – 450mm
- Adjustable Width: 5mm – 100mm
- Versatile Handheld converts easily to Robot mount

### Applications:

- Paint Removal & De-Coating
- Surface Preparation for Adhesive Bond and Coating
- Mold Cleaning
- De-Oiling
- Surface Structuring
- Restoration of Stone, Brick, Concrete
- Ideal for Sensitive Substrate Cleaning i.e. CFRP
- Corrosion Cleaning

### Features:

- Suitable for Laser Powers 20 Watts to 10 kW from multiple OEM Laser Companies\*
- Operator Safety
- Deadman Switch
- LPC shuts down laser if not on
- Ergonomic Design
- Adjustable for left or right
- Hose control for chiller, exhaust vacuum, power, and laser fiber
- Vacuum exhaust collects debris particulates
- Laser Process Control (LPC) for selective layer by layer removal prevents damage to base material

Laser coating removal competes with chemical, abrasive and water blasting methods. These methods generate hazardous waste, require personal protective apparatus and are not compatible with composites, fiberglass, alloys and other materials used in manufacturing of high dollar assets today.

SurClean focuses on the workhorse of any laser system – the beam delivery. We marry our laser beam delivery system with off the shelf laser sources, chillers, exhaust/fume extraction and address the customer's specific application utilizing the correct laser power source from \*OEM's Coherent, Laserline, TRUMPF, Rofin, Teradiode and others. Our customers receive the latest technology and power levels as the laser industry continues to push forward with new developments and our engineers continue revolutionizing the SurClean laser ablation solution.