

## ULTRA-MOBILE COMPACT LASER CLEANING



- Backpack mounted laser - the ultimate in mobility
- Average laser power up to 20 Watt
- Gentle & precise cleaning of sensitive surfaces
- Optional rechargeable battery powered operation
- Diode pumped solid-state laser
- Very quiet air-cooled system
- Large operating distance (up to 250 mm)
- Laser class 4 product

### Laser optics



Laser optics OS H 20 (optional with distance sensor or F-Theta objective)

Stamp optic for automated 2D surface treatment

### Application examples



- De-coating of small areas
- Restoration & Conservation
- Natural stone cleaning
- Rust/oxide removal
- Oil & grease removal
- Selective paint removal
- Micro-profiling
- Pre-treatment to enhance adhesive bonding

## TECHNICAL DATA



*Backpack Laser in action – battery operated - no external power necessary, fiber optic beam delivery, integrated control & cooling unit*

Whether it's an Egyptian burial chamber, a plane's wing or other difficult to access areas, the backpack laser goes almost everywhere.

The CL 20 Backpack features a 20 Watt diode pumped laser source with adjustable power settings. The laser is mounted to a backpack support frame for ease of transport and operator comfort.

### Standard system features: CL 20 Backpack

- Extremely compact laser unit
- Combination direct power supply and quick-charger for batteries
- Special Backpack-package - includes carrying system & protective cover
- Handheld laser optics OS H 20 with large operating distance (up to 250 mm)
- Beam delivered via 2 meter fiber optic
- Remote control box

#### Options:

- *Additional battery pack*
- *Integrated red targeting laser*
- *2D laser beam package with Stamp optic (incl. software and laptop)*
- *Wide-range of beam focal optics*

This super portable 20 Watt laser is well-suited for small area treatments. With its rechargeable battery pack, this laser can operate without the need of power cords.

### CL 20 BACKPACK TECHNICAL DATA

Size [mm]	Approx. 220 x 400 x 650
Weight (without batteries) (approx.) [kg]	14,5 kg (~31 lb)
Cooling system	Internal air-cooled system
Specified laser power of the beam source [W]	20
Wavelength [nm]	1064
Power supply (incl. quick charger)	100 - 240 AC (50/60 hz)
Minimum / Maximum ambient temperature [°C]	5 - 40
Humidity [%]	10 - 95 non-condensing