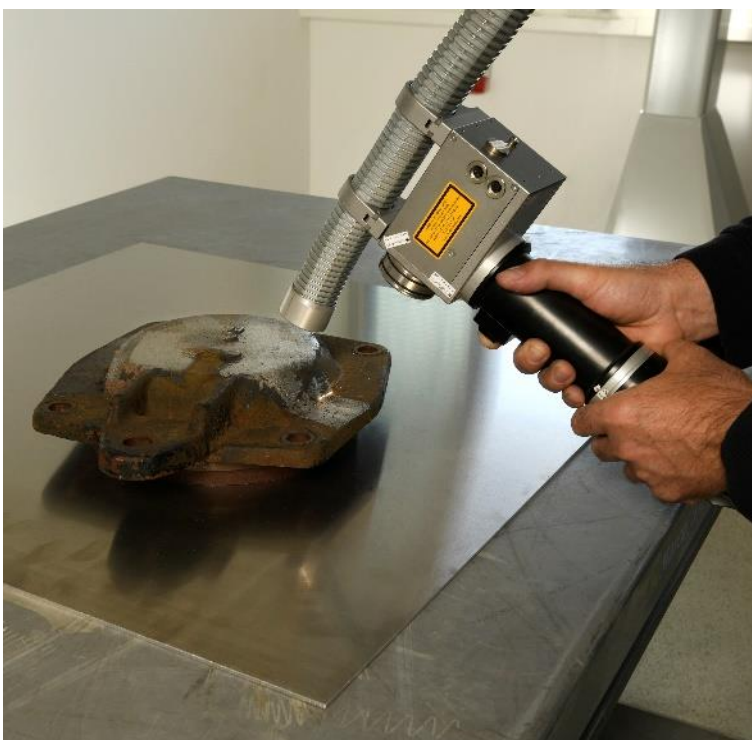


lightCASE – LASER TO GO



Compact laser cleaning system – 100% MADE IN GERMANY

Small in size, portable and versatile in use, we present the lightCASE. Whether in an Egyptian burial chamber, on an airplane wing or in other hard-to-access areas of your production facility, the lightCASE can operate almost everywhere. With up to 300 watts average laser power, the lightCASE is the world's most powerful laser in its size category. Just switch it on and get started.



Decoating with the CL 100 lightCASE

APPLICATION FIELDS

- Paint stripping and decoating
- Removal of tarnish colours
- Oil removal and degreasing
- Pretreatment for weld seam inspection
- Weld seam pre- and post-treatment
- Mold cleaning
- Restoration

lightCASE – EQUIPMENT



lightCASE including solid transport trolley



Integrated fiber rewind and optics holder



Protective cover for transport

FEATURES

- Medium laser power: 20 - 300 watt
- Diode-pumped solid state laser
- Fiber rewind and optics holder
- Transport trolley for carrying the lightCASE housing
- Option of connecting suction and filter
- Network capability for remote support
- Available with optional fiber-to-fibre-coupling (FFC) for particularly gentle cleaning
- Laser class 4



Suitable optics:

- Ergonomic hand optics or compact robotic optics
- Single-hand operation
- Low weight
- Direct adjustment of all relevant parameters directly at the optics

lightCASE – COMPACT, EASY TO USE, VERSATILE



lightCASE CL 100

lightCASE FFC with homogeneous beam distribution, especially recommended for gentle tool and mould cleaning

The lightCASE and lightCASE FFC are easy to transport and enable working for longer time periods thanks to their mobile frame and lightweight construction.

Like all cleanLASERs they are high quality and solidly built. The lightCASE is available in a wide range of performance classes and is 100% Made in Germany. Thanks to its modular design, the lightCASE can be manufactured in a short time and delivered at a fair cost-benefit ratio.

The LED-illuminated handle gives the operator immediate feedback as to the status of the laser process. With the integrated touch panel and the intuitive cleanTOUCH operating software, it is easy to adjust various settings on the laser. As an optional extra, direct remote access via app is also possible due to the network capability of lightCASE.



Easy handling for various applications



LED handle on lightCASE for intuitive operation with cleanTOUCH

lightCASE – NOT ONLY FOR MANUAL APPLICATIONS



lightCASE on the robot for automated processing

The low weight and compact dimensions of the lightCASE allow for installation not only of the optics but also the laser source (including housing) directly onto the robot. We are happy to design the system for integration into your automation system. Take advantage of the maximum flexibility in processing.

TECHNICAL DATA

	lightCASE 20- 100 W	lightCASE 200 – 300 W	lightCASE FFC
Dimensions base frame			
lightCASE (width x length x height [mm])	466,5 x 265 x 517	468 x 265 x 703	468 x 265 x 703
Dimensions with transport trolley (width x length x height) [mm]	643 x 478 x 897,34 (+300 handle extended)	643 x 478 x 952 (+280 handle extended)	643 x 478 x 952 (+280 handle extended)
Weight base frame [kg]	~ 29	~ 39	~ 39
Laser equipment	CL 20 - CL 100	CL 200 - CL 300	CL20FFC - CL100FFC
Wavelength [nm]	1064 +/- 4	1064 +/-4	1064 +/-4
Power supply	100 – 240 V (50 / 60 Hz), 16 A, N, PE	100 – 240 V (50 / 60 Hz), 16 A, N, PE	100 – 240 V (50 / 60 Hz), 16 A, N, PE
Min./Max. ambient air temperature [°C]	5 - 40	5 - 40	5 - 40
Air humidity [%]	10 - 95, non- condensing	10 - 95, non- condensing	10 - 95, non- condensing
Fiber length [m]	2,8	2,8	8

2020. Subject to technical changes

PLEASE CONTACT US - WE WILL BE HAPPY TO ADVISE!

 **cleanLASER**
cleaning with light