

effiSCAN OPTICS – even smaller, lower weight, more powerful



The new generation of laser optics for particularly ergonomic operation

- Ultra lightweight and ergonomic manual optics made of 3D SLM manufactured components
- Due to an integrated aspherical optics, cleaning intensities up to 3 times higher than conventional manual cleaning optics at identical working distance (currently 200 mm)
- Thanks to the innovative zero-loss and fully digital scanner technology with scanning speeds of up to 50 m/s 3-fold higher deflection speeds than those previously common on the market
- This results in a significant increase in ablation efficiency
- User-friendly one-handed operation during processing directly at the device via intuitive rotary/touch control (even possible with gloves)
- 24/7 operation for all IPG | cleanLASER mid- and high-power laser systems up to 1000 watt class
- Numerous sensors and nozzles can be plugged in/modularly expanded



Summary

- Half weight
- Nearly double working distance
- Three times or higher performance compared to conventional optics

Further special features of the effiSCAN optics

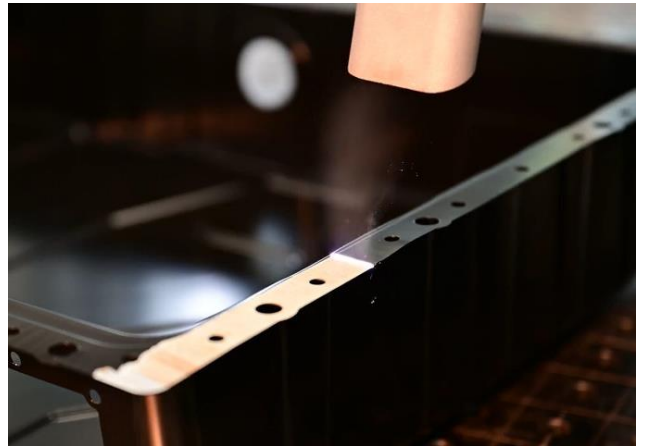


Protective glass cover: easy to open



Rotary/touch button: easy to operate - even with gloves on

- Orthogonal fiber connection/feed-in
- High-performance focus system
- Ultra-compact and lightweight scanner system
- Field illumination with high degree of light intensity
- Safe release button (double-click)
- Integrated emergency stop



Direct suction ensures residue-free processing

OPTIONAL

- Roller and distance nozzle
- MDS and other sensor systems
- Side handle



PLEASE CONTACT US - WE ARE HAPPY TO ADVISE

