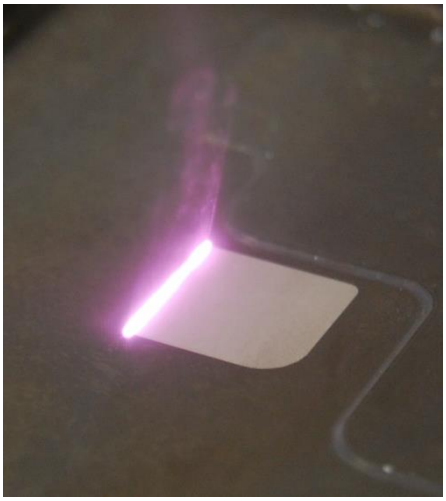
PARTIAL ANODIC DECOATING

APPLICATION

- Partial removal of an anodic coating by means of laser ablation
- For ground contacting and adhesive pre-treatment as well as for visual effects
- High-precision decoating of complex 2D geometries and moulds
- High process reliability and reproducibility
- No need for masking or taping of surfaces
- Reduction of the workload for planning and post-processing



Precise laser processing

Workpiece: Anodized coating partially removed

LASER SYSTEM AND PROCESS

- Efficient and economical treatment even with Low-Power systems
- Processing speed: up to 8 cm^2/s with CL 100
- Process-optimised suction technology
- Optional: process monitoring and component control
- In-House production and application expertise
- Support from process qualification all the way up to the serial production

COMPACT TURNKEY SOLUTION FOR YOUR ANODIC DECOATING

- Machine type: cleanWORKSTATION
- Footprint (w x l): 2.400 mm x 3.400 mm
- Open construction allows good accessibility
- 3-axis linear system with a large working area for a wide range of work pieces
- Solid worktable with a hole pattern for a flexible fixation of work pieces
- Controlling via software cleanSTUDIO with JPG and DXF data import
- Optional: light barrier curtain as tamper protection
- Upgradeable with our product cleanCABIN for a laser-safe enclosure
- High technical availability (> 98,5%)
- Customer-specific adaptations possible

cleanSTATION for a wide range of work pieces

3-axis linear system with cable management

COST-BENEFIT: ECONOMIC EFFICIENCY

- Running costs: cleanSTATION incl. CL 100 and suction
  < 3,00 €/h
- Costs per unit:
  Area to be decoated
  approx. 300 mm x 20 mm with CL 100
  2-shift operation
  ~ 0,60 €/piece

01.2025 Subject to technical changes

PLEASE CONTACT US – WE ARE HAPPY TO ADVISE!

IPG PHOTONICS | cleanLASER cleaning with light

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