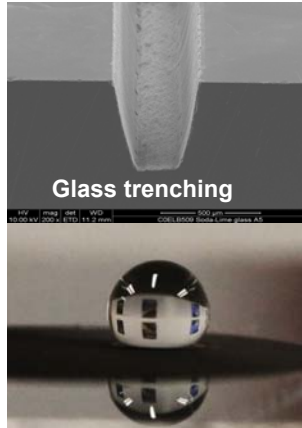


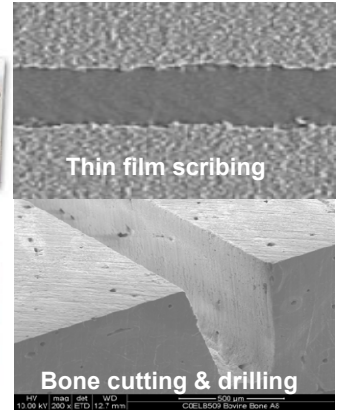


# MHz 50 $\mu$ J Femtosecond Fiber Laser

- All Fiber solutions (other than compressor)
- 10-100 W Average Power
- Dynamic Pulse Shaping and Control
- Long Life Time (>100 Khr)
- Minimal Maintenance
- Excellent Beam Quality
- 1020-1100 nm
- 1520-1600 nm



Surface microstructuring



Bone cutting & drilling

## Uranus MHz Laser System Specifications

<b>Pulse Energy</b>	10-50 $\mu$ J
<b>Average Power</b>	1-100 W
<b>Pulse Width</b>	200-700 fs
<b>Pulse Repetition Rate</b>	1-10 MHz
<b>Wavelength</b>	1020-1100 nm, 1520-1600 nm
<b>Beam Quality</b>	$M^2 < 1.3$
<b>Beam Size</b>	3-5 mm
<b>Output Electrical Trigger</b>	TTL
<b>Power Adjustment Range</b>	10-100%
<b>Control Software / Interface</b>	GUI / RS232
<b>Main Chassis Dimension</b>	430 x 130 x 560 mm (L x W x D)
<b>Compressor Dimension</b>	610 x 460 x 150 mm (L x W x H)
<b>Maximum Power Consumption</b>	1 kW
<b>Cooling</b>	Air or water

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