



### **FemtoLux30 : gold honoree in industrial laser systems category at 2022 Laser Focus World Innovators awards**

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*FemtoLux30 – femtosecond laser from Ekspla was recognized as gold honoree in industrial laser systems category at 2022 Laser Focus World Innovators awards.*

Panel of judges, consisting of reputable names from optics and photonics community recognized unique “dry cooling” feature of this new ultrafast industrial laser and benefits it delivers for end-users.

“The FemtoLux 30 is a 30 W femtosecond industrial-grade laser built to work 24/7/365 without interruption.” – said Mantvydas Jasinskas, Ekspla CSO. – “It employs an innovative cooling system which enables to set new reliability standards among industrial femtosecond lasers. Instead of using water for transferring heat from a laser head, the FemtoLux 30 uses an innovative Direct Refrigerant Cooling method.”

This means that no water is being used for cooling. Unlike water-cooled systems, a direct refrigerant cooling system does not require any periodic maintenance, because the entire refrigerant circulation system is completely sealed. In addition, Direct Refrigerant Cooling provides the highest heat transfer rates, high temperature stability, smallest size and low weight.

The FemtoLux 30 #laser is the perfect tool for display and microelectronics manufacturing, microprocessing and marking of brittle materials, such as glass, sapphire, or ceramics, as well as for the highest quality #microprocessing of different metals and polymers.



**Pour en savoir plus :**

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