

## **Compact and high dynamic MINISCAN from RAYLASE**

- **Innovative 2-axis laser beam deflection unit for further apertures available**

**Wessling – RAYLASE AG, manufacturer of high precision components and subsystems for the deflection, modulation and control of laser beam, introduces the 14 and 20 mm apertures in addition to the 7 and 10 mm apertures of its 2-axis deflection unit MINISCAN. These units are designed to be as small as possible for easy integration into compact laser systems for example with fiber lasers.**

The laser beam deflection units MINISCAN are available with mirrors for all common wavelengths. The latest RAYLASE AG's product combines precision with highest operating speed. With a long-term drift of  $< 300\mu\text{rad}$  over a period of more than eight hours, the MINISCAN has very good drift values. The MINISCAN-14 achieves a writing speed of  $> 400$  cps (characters per second) and the MINISCAN-20 achieves a writing speed of  $> 300$  cps in a working field of 120 mm x 120 mm.

With the MINISCAN, RAYLASE AG set new benchmarks for 2-axis laser beam deflection units, in terms of size and weight. With a weight of only 1,6 kg for an aperture of 14 mm, MINISCAN can easily be integrated into existing modern systems. The robust and dust-proof housing can also be used under extremely ambient conditions. Like all 2-axis deflection units, the MINISCAN can be controlled via digital control card, or by using an analogue current or voltage interface.

The high dynamic MINISCAN is suitable for material processing such as cutting, engraving, ablation, drilling, plastic welding, and electronic production such as structuring, trimming and processing on the fly.

Weitere Informationen finden Sie unter [www.raylase.com](http://www.raylase.com)