

In this edition: **LASERLINE**: LDF VG6; **PERFOTEC**: at Fruit Logistica; **OHIR**: Power meter calibration; **FOBA**: press release; **3D SEMINAR AT RMIT**: 24 February 2016; **EPIC**: Activity Report



Laserline LDF VG6 – the New benchmark for diode lasers for industrial applications:

This versatile LDF diode laser is a mobile unit with removable control panel and integrated cooling unit. Available in different sizes and power classes, configured to adapt to changing requirements. Devices with over 20 kW of power are set on sturdy castors and can be moved by a single employee to the desired location. With a 1.4 square meter footprint all you need is electricity, water and optical fibers and the LDF is ready to use.



Whether welding, hardening or brazing the LDF series scores with it optimally adapted beam quality and maximum user friendliness including the new hot-plug capable mobile control panel.

Laserline diode lasers are proving very effective in Australian industry. If you'd like to know more about these capabilities, call Cédric Chaminade on 02 9979 7646 for a discussion, or email info@raymax.com.au for a brochure covering technical specifications. To look at a recent overview: <http://www.industrial-lasers.com/video/industry-events-videos.html?bcpid=1773784376001&bckey=AQ~~,AAAAEheacc~,POub7bInBC9t4rfhRb5IkdSaA0OCBjP&bclid=1696328543001&bctid=4639781784001>



PerfoTec is again exhibiting at FRUIT LOGISTICA!

PerfoTec laser systems for packing fresh produce has established partnerships to provide usable solutions to fruit and vegetable growers and distributors. A new packaging system will be launched at **Fruit Logistica - AmerFresh** which enhances the shelf-life of fresh produce, thereby reducing waste and cost.

The **AmerFresh Packaging System** uses latest R&D intelligence specific to fresh-cut vegetables and fruits, Amerplast high-performance film and printing technology and the PerfoTec laser perforation system, and it works in complete synergy with fresh-cut packing equipment.

One of the key variables for fresher produce is the optimization of oxygen levels within the pack, tailored for each type of vegetable and fruit. The **AmerFresh Packaging System** is designed to inhibit as much as possible the biochemical reactions in fresh produce through better packaging architecture, delivering fresh-cut vegetables and fruits with a longer life cycle. The PerfoTec technology enables individual measurement and tools for optimal oxygen respiration rates for each individual produce.

If you would like any information about the **PerfoTec lasers system and Respiration Meter** please contact Raymax Applications Pty Ltd 02 9979 7646



Respiration meter





Raymax Applications supply and support Ophir power meters.

This very popular device is in many institutions, businesses and research laboratories performing important tasks daily! Ophir offer a range of hand-held power meters that includes the Vega, Nova II, StarBright and StarLite. Advice on the appropriate power meter is available from Raymax and by checking the Ophir web site.

Regular calibration of all Ophir power meters is essential to ensure the effective and correct use of your laser. Contact Raymax for calibration service at any time or if usage training of new staff is required.

Ophir laser power meters work on the 'smart plug' principle. This means that almost any Ophir power meter can work – plug and play – with almost any of the wide range of Ophir sensors. Ophir power meters are also the most precisely calibrated units on the market thus measuring with the highest accuracy. As for ease of use, Ophir laser power meters have the most user friendly interface. The meters also come with a versatile and easy-to-use software for use either stand-alone or interfaced with LabVIEW or the user's own software.



Laser at your service

Press release January 04, 2016

FOBA Releases New Generation of Yb Fiber Lasers for Marking Plastics, Metals and Other Materials

Medical technology and automotive industries face increasing quality standards, and new legal and industrial regulations that require reliable, accurate and efficient direct part marking and identification solutions, which enable safe traceability and provide counterfeit protection.

With its Y-Series, FOBA laser marking and engraving is introducing the next generation of high-precision fibre lasers for direct part and product marking. With their new scan head technology and modular design, the fibre laser marking systems in the Y-Series provides the highest integration capability and application flexibility. They are easy to integrate in production lines and laser marking stations, and ensure tailored solutions for a wide variety of marking applications. A scan head built-in vision system for in-process imaging combines validation and verification prior to and directly after laser marking in a holistic marking process. Laser marking has become one of the preferred methods for product identification, decoration and material processing.

For a full copy of the Press Release contact Raymax or access it via the Medical Device Network.

ANNOUNCEMENT

You are invited to a Seminar on
3D manufacturing with Metals

at

RMIT Centre for Additive Manufacturing
with Professor Milan Brandt and SLM
Solutions

24 February 2016.

Places are limited - expect your invitation soon!

Or contact us on info@raymax.com.au



EPIC – European Photonics Industry Consortium

– is an industry association whose focus is to promote the sustainable development of organisations working in the field of photonics. We foster a vibrant photonics ecosystem by maintaining a strong network and acting as a catalyst and facilitator for technological and commercial advancement.

EPIC publishes market and technology reports, organizes technical workshops and B2B roundtables across the world, takes part in advocacy and lobbying, promotes education and training activities, sets standards and roadmaps, and hosts pavilions at exhibitions.

We have been asked by Carlos Lee, Director General EPIC - European Photonics Industry Consortium, 14 Rue de la Science, 1040 Brussels, Belgium, to offer a copy of the 2015 Activity Report by email to all our readers.

Please email your request to info@raymax.com.au