LayTec's 2000th in-situ tool delivered to Compound Semiconductor Centre

Fig. 1: EpiTT - LayTec's workhorse for MOCVD production

LayTec is proud to deliver its 2000th in-situ metrology system since its foundation in 1999! An EpiTT with the figure 2000 in its serial number has been shipped to Compound Semiconductor Centre (CSC, Cardiff, UK) – a joint venture between compound semiconductor specialists IQE and Cardiff University.

CSC works on providing a complete capability value chain from high-end R&D through product and process innovation to high value, large-scale manufacturing. According to Dr. Wyn Meredith, Director of CSC, "This EpiTT and other LayTec systems already installed in our labs provide unrivalled precision and sophisticated analysis algorithms, which is crucial for process optimization in semiconductor manufacturing environment."

LayTec's founder and CEO Dr. Thomas Zettler commented: "It is significant that our 2000th in-situ tool is delivered to a research institution with a strong connection to industry. LayTec has always set a great value on cooperating with both industry and R&D. Until now, we have equipped hundreds of customers worldwide with state-of-the-art metrology, mainly in the field of LED and laser production. In the last few years we also entered the PV, display and advanced silicon markets. Meanwhile, our product portfolio covers all areas of process monitoring: in-situ, in-line, lab-line and map-line metrology. Due to this market diversification, we believe to deliver the next thousand tools much faster than before. We are proud that our tools make the related industries more effective and more productive."

Astronergy installed X Link® for in-line lamination control

LayTec is happy to announce the installation of its X Link® in-line at Astronergy in China! The tool is integrated into a production line of high-efficiency PV modules for in-line control of EVA or polyolefin cross-linking degree immediately after lamination. It allows for a 100% monitoring of produced PV modules.

The measured data is directly fed into the Manufacturing Execution System (MES). The data helps to quickly optimize lamination process for better cross-linking quality by adjusting the heating zones and the duration of lamination. The result is a perfect lamination process, which is the key to high-quality modules.

The whole measurement procedure is non-destructive and does not affect the functionality of the tested modules. Learn more about X Link at laytec.de/xlink.

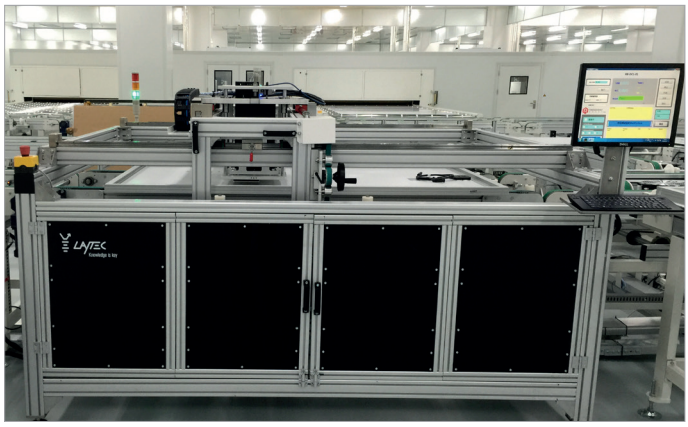

Fig. 2: X Link® in-line at Astronergy

LayTec welcomes new members in sales and customer support teams

Dennis Dachkovski will enforce our team as a sales manager. He will work closely with our customers and distribution partners in Asia. He brings a profound scientific background as a graduate in physics and valuable experience in process integration and thin film characterization which he gathered at Infineon.

Benjamin Klessen has joined LayTec as a customer support engineer to provide service, training and installation of LayTec systems at customer sites worldwide. Benjamin graduated in photonics (with a focus on optics and electronics) and has profound experience in service and installation of optical inspection tools.

You can meet us at the following workshops, conferences and trade fairs:

14 – 16 December 2016 | SEMICON Japan | Tokyo, Japan | Booth 4603

28 February – 2 March 2017 | PV Reliability Workshop (PVRW) | Lakewood, Colorado, USA

7 – 8 March 2017 | CS International Conference | Brussels, Belgium