

LPKF Shanghai Application Center up-graded for PV thin-film laser scribing

Contact:

Ricon Li
Solar Product Manager
ricon.li@lpkf.com
Tel. +86(21)39501051801

26.02.2014

Address

**LPKF (Tianjin) Co., Ltd.
Shanghai Branch.**
2/F,390-1555 West Jinshajiang
Road 201803 Shanghai
China
Tel.: +86 21 3950-1051
Fax:+86 21 3950-1051-813
Web: <http://www.lpkf.cn>

Management:

A new laser system expands the abilities of the LPKF Application Center in Shanghai, China. Since December 2013 it is equipped with a brand new LPKF Presto laser scriber. This laboratory size system extends the technical capabilities in researching sophisticated laser machining of thin-film modules up with different coating technologies.

LPKF SolarQuipment GmbH, market leader in thin-film laser scribing has developed the multi-function scribing system LPKF Presto for laboratory purposes. It allows process development for scribing thin film coatings of CdTe, aSi/ μ Si and CIGS, as well as the parameter determination for the LPKF Allegro production series.

The LPKF Presto system can be equipped with various laser sources and a mechanical needle. It has been developed to handle all the steps in the laser structuring of thin film substrates: scribing the pattern in P1, P2 and P3. The special design allows both scribing of the coated side as well as through the glass substrate. An imaging system is integrated to reference the P1 pattern for the P2 and P3 scribing steps.

"LPKF Presto is a very precise and flexible scribing tool which can easily be used to determine and confirm parameters for production lines equipped with the LPKF Allegro systems." mentions Ricon Li, LPKF Solar Product Manager in Shanghai. The LPKF Shanghai Application Center now is ready to prove the system capabilities with customer samples.

Print free of charge, copy requested



About LPKF SolarQuipment

As a solution provider for photovoltaic manufacturing LPKF SolarQuipment develops systems for structuring thin-film solar modules

with a laser. The LPKF Allegro and Presto laser scribes contribute with innovative methods to enhance the efficiency of solar modules and lower production costs at the same time.

LPKF (Tianjin) Co., Ltd. Shanghai Branch.

(PCB, LDS, StencilLaser, Solar Cell Technology)

Tel.:

+86 21 3950-1051

Fax:

+86 21 3950-1051-813

E-Mail:

[Kontaktformular](#)

Web:

<http://www.lpkf.cn>