

LASOR - Vision and Measurement Solutions

General company information With more than 60 years of combined experience, LASOR is today one of the leading international manufacturers of product solutions for surface inspection of web materials. 1000plus installed systems worldwide demonstrate the company's competence.

Your advantages

>>	increase of customer satisfaction
>>	increase of productivity
>>	increase of return on invest (ROI)
>>	decrease of material costs
>>	saving of world wide raw material
>>	decrease of pollution

Markets

Vision systems, measurement systems and marking systems developed by LASOR are used in conjunction with optional soft- and hardware modules for process and cut optimization of web materials in the following industry areas: Glass, Paper, Plastics, Nonwovens, Metals.

Locations

With 22 sales and service offices located throughout the world, LASOR provides local support. For your special location inquiry please inform yourself about your responsible department under www.lasor.com (Marketing and Sales / worldwide) or contact the headquarters, directly.

Product range

The applications in the special area of glass processing contain: float glass, coated glass, sheet glass and super thin glass for flat panel displays. With a wide range of product solutions LASOR keeps manufacturing processes operating to optimum efficiencies.

The Product portfolio includes:

»	<p>Vision systems with camera technology to detect defects and to measure optical quality</p> <ul style="list-style-type: none">• 2f1 Vision System• 2f1 Vision System LD• 2f1 Vision System XT• Eagle Vision System• The 2f1 Vision System is the most successful system for the inspection of flatglass, the proven technology for the future and your key to quality and cost management.
»	<p>Optional hard- and software modules</p> <ul style="list-style-type: none">• OFF AXIS (defect detection of scratches)• REFLECTION (detection of tin)• AIC (advanced image classification)• COP "light" (cut optimizing)
»	<p>Measurement Systems for thickness and strain</p> <ul style="list-style-type: none">• SM/TM Measurement System
»	<p>Marking System for precise indication of detected defe</p> <ul style="list-style-type: none">• M3m Marking System

Service

The outstanding service provided by LASOR differentiates the company from the competition. LASOR understands the importance of machine uptime. To assist the customer, LASOR offers:

»»	active system management via modem
»»	application support programs
»»	application support packages
»»	regular software updates
»»	emergency service
»»	service contracts
»»	maintenance contracts
»»	customer training programs
»»	spare part service

International transportation, assembly, start up and training as well as after sales service are part of the profession. The reliability of the LASOR products is secured by a 24 hours hotline, long warranty periods and retraining sessions even years after installations.

»»	Advantages for glass manufacture <ul style="list-style-type: none">• online measurement of defects and optics• 100% control of test material• minimal personnel expenditure by an automated measuring process• maintenance-free LED illumination (lifetime > 10 years)• increase of customer satisfaction• reduction of investment as well as running costs!
»»	Advantages for glass processors <ul style="list-style-type: none">• constant quality level• reproducible measurements and• capture of statistical figures and saving of customer-relevant data

We invite you to visit us during the following international Glass Trade Shows and Conferences in 2003

	<p>5th China International Glass Industrial Technology and Machinery Exhibition New International Expo Center, Shanghai, P.R. China 08. - 11. April 2003</p>
	<p>Hanover Fair Hanover, Germany 07.- 12. April 2003</p>
	<p>Glass Processing Days Tampere, Finland 15. - 18. June 2003</p>
	<p>MIR STEKLA International Exhibition for Glass Industry Moscow, Russia 09. - 13. June 2003</p>
	<p>12th FPD Manufacturing Technology Expo & Conference "Finetech" Tokyo Big Sight, Japan 02. - 04 July 2003</p>