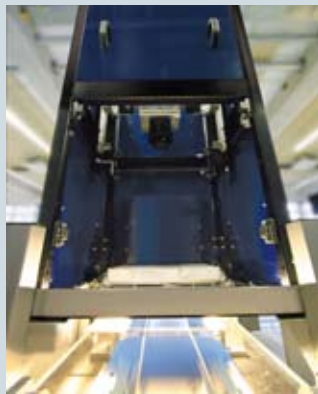


VITRONIC at the EU PVSEC Fair in Valencia

VITRONIC was again represented as exhibitor at the European Photovoltaic Solar Energy and Exhibition, which this time took place in Valencia. Novelties in the area of optical quality testing and automatic handling of solar cells and solar cell modules were presented. The machine vision family VINSPECsolar from VITRONIC was presented with innovative processing and product novelties: Additional testing tasks of the solar cell modules cover the production process completely. The processes are optimized by

the combination of robot vision and quality tests. You can find additional information about VINSPECsolar [here](#).



European patent for the 360° surface sensor

The sensor developed by VITRONIC tests and reads independently of the turning position. One single sensor scans 360° without additional mechanics for turning the tested object. The surface sensor brings together different testing tasks into one system: It tests color,

controls the borders of pharmaceutical receptacles, monitors the correct position of the seals and, if needed, verifies the codes and labeling on the lateral surface of the sealing caps. You can find more information [here](#).

SIM Assembly Machines and VITRONIC form competency network

With a competent partner, offering everything – from the planning to the execution – from one company means that projects, as well as automation and machine vision in the field of special engineering, can be implemented trouble-free. After SIM Assembly Machines and VITRONIC founded an expertise partnership, they now offer this combined know-how to their clients. By strengthening the expertise, the client chooses a strong partner for the special

engineering field. Both companies offer client-specific, turnkey-ready system solutions from one company. The companies will work on joint projects and will serve as a personal contact to the clients for all their concerns. Two strong companies join forces to keep the clients satisfied at all times and find a solution that corresponds to their needs. SIM, is a company of FT Automation Heiligenstadt, is a leading supplier of assembly and handling systems.

Patent application for special optic

A patent application has been filed for a machine vision solution for testing the inside running surface of connecting rod eyes. Special optics makes it possible to always obtain the same high testing accuracy independently of the size of the connecting rod eye. Another advantage for the applica-

tion: Except for the special optic, neither the camera nor the connecting rod eye has to be manipulated during the testing. The new testing system for connecting rod eyes is already used by one of the largest German car manufacturers. You can find more information [here](#).

So simple: VICODEbasic

VICODEbasic reads variable data with high reliability and verifies codes with up to 99.9 per cent readability even at high production flow rates. The camera fulfills standardized reading tasks with the usual high VITRONIC quality. In contrast to the so-called intelligent cameras or vision sensors, additional components with enhanced requirements regarding the identification tasks are available. It does not matter whether the variable data are on labels, sealing caps or folded boxes: VICODE-

basic identifies and verifies scripts in a reliable manner. OCR-A, OCR-B and other fonts are reliably read out. The software is operated intuitively and the in-put of new reading tasks is effortless. The camera does not require any complex training or costly restructuring and can be quickly integrated in to the existing equipment.

You can find more information [here](#).



VITRONIC Summer Festival 2008

The annual VITRONIC summer festival took place on 29.08.2008. This was the first festival to take place since the official completion of the renovation of VITRONIC's head office and production facilities.

Over 400 employees and family members enjoyed the numerous delicacies, games and summer atmosphere

on offer in the courtyard of Hasengartenstraße 14.



Experts of tomorrow

VITRONIC has, for many years, supported initiatives which inspire young people to follow technology-oriented careers. In previous years the company has, amongst other things, invited students on operational visits to its production centre, or has sponsored construction kits for schools. This year VITRONIC gave the chance to interested students to learn about and experience High-

Tech technologies with visits to the CeMAT and AUTOMATICA trade fairs in Hanover and Munich. Both groups of pupils were accompanied by VITRONIC employees. When questioned, students commented that the trips had provided invaluable assistance for their career planning. Be it, whether it had reinforced a previous conception, or opened their eyes to new possibilities.

VITRONIC at Automatica 2008: Let's take a closer look ...

VITRONIC exhibited at Automatica in Munich – among other solutions – the newest generation of robot vision systems. The machine vision system VIRO provides the basis for automated handling and tests the quality in the same processing step. The image processing system VINSPEC performs reliable two-dimensional surface testing. It tests two-dimensionally all sealing, functional and visible surfaces – even in fast production processes with high flow rates.

The AUTOMATICA fair is growing further and defends its title as a leading European fair. Also this year, a record number of visitors were registered: around 32,000 specialists made the pilgrimage to the Munich fair. The Chairman of the Expert Advisory Committee of the fair and Chief Executive Officer of VITRONIC Dr. Norbert Stein was highly satisfied: "Our know-how and our performance are convincing. The number of new qualitatively high-value contacts confirms this.



Completion of the new Bärenherz 'Snooze Room'

After a donation of 5.000 € from VITRONIC last Christmas the Bärenherz (Bear heart) Foundation have completed the renovation of their Snooze Room.

The newly redesigned room can be found at the Children's Hospice in Wiesbaden and, using gentle light and calming sounds, provides sick children and their families with a place to relax and recuperate: a place of refuge away from their exhausting everyday lives.

The Bärenherz Foundation was founded in 2002 with the goal of promoting and supporting projects for terminally ill and disabled children and their families. The hospice can care for up to 12 children.



Are you interested in the logistics *newsletter*?

Subjects among others: bank identifies the company mail; after performing comparison tests, Chronopost decides for VITRONIC; camera vs. scanner" ... **and more.**

Our transportation technology *newsletter* includes the following subjects: Stationary and mobile speed monitoring with only one system; France decides in favor of German tollway technology ... **and more.**

*** Preview of the fair ***

Visit us between October 21 and October 25, 2008 at EuroBLECH in Hannover. Experience our seam inspection system VIROwsI and learn about quality testing solutions. We will be happy to welcome you in Hall 13, Stand F28.

Impressum

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