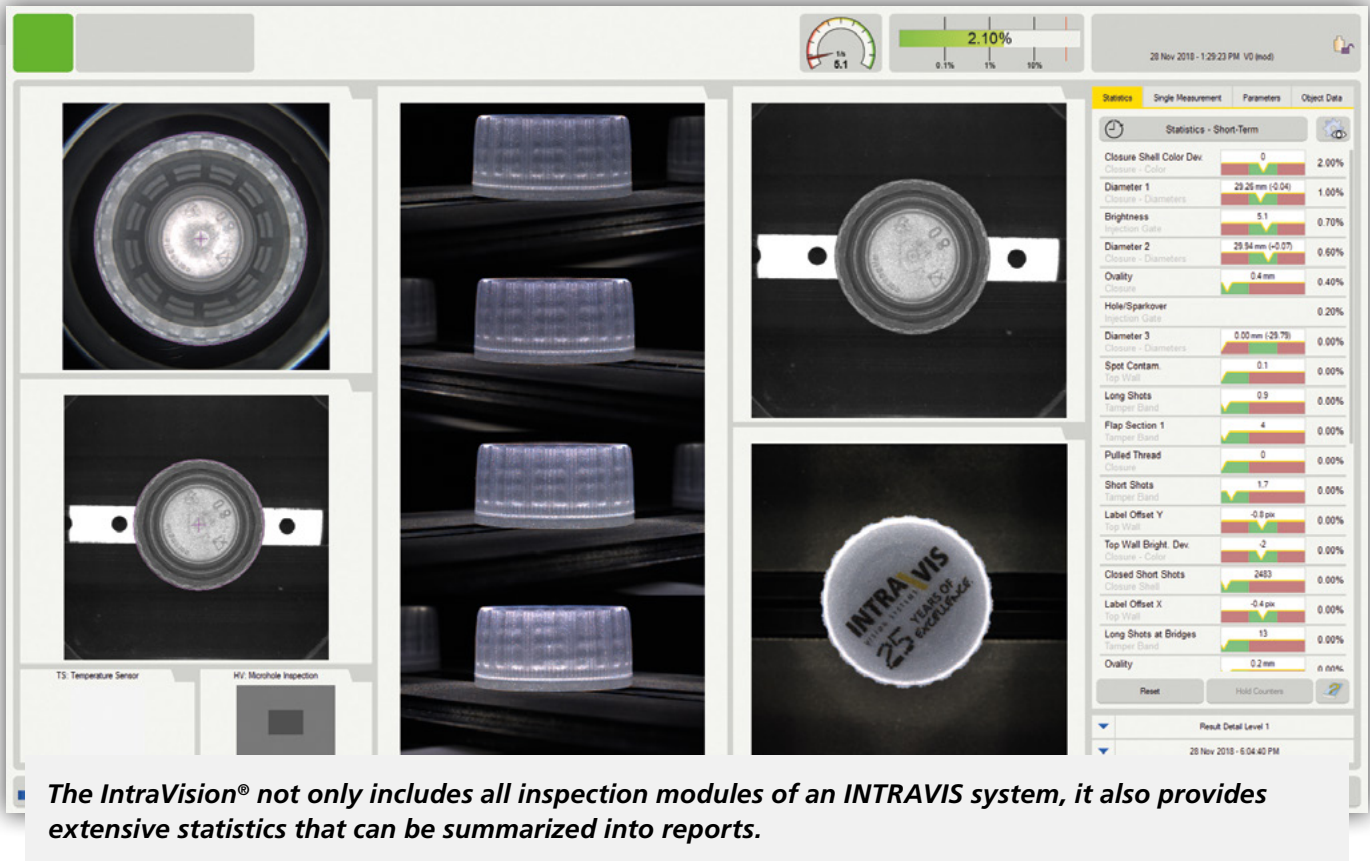


# INTRAVISION®

## YOUR PROCESS SUPPORT AT ALL LEVELS

Only our inspection software, the IntraVision®, makes the INTRAVIS inspection systems what they are: helpful tools for every production line. Thanks to the IntraVision®, the setup is simple, the operation easy and the evaluation of the results always immediately possible. In addition, it allows for the fulfillment of important regulations - whether specified by your customers or by law.



The screenshot displays the IntraVision software interface. On the left, there are four inspection images: a top-down view of a circular component, a side view of a cylindrical component, a close-up of a circular component with a label, and a close-up of a circular component with a label. The central part of the interface shows a 3D perspective view of a cylindrical component. On the right, there is a detailed statistics report for a 'Short-Term' measurement. The report includes various parameters and their values, such as 'Closure Shell Color Dev' (0), 'Diameter 1' (29.26 mm (+0.04)), 'Brightness' (5.1), 'Diameter 2' (29.94 mm (+0.07)), 'Ovality' (0.4 mm), 'Hole/Sparkover' (0.20%), 'Diameter 3' (0.00 mm (+29.7%)), 'Spot Contam' (0.1), 'Long Shots' (0.9), 'Flap Section 1' (4), 'Pulled Thread' (0), 'Short Shots' (1.7), 'Label Offset Y' (-0.8 µm), 'Top Wall Eight. Dev.' (2), 'Closed Short Shots' (2483), 'Label Offset X' (-4 µm), 'Long Shots at Bridges' (13), and 'Ovality' (0.2 mm). The interface also shows a '2.10%' value at the top, a date and time stamp '28 Nov 2018 - 1:29:23 PM VG (mod)', and a 'Result Detail Level 1' dropdown menu.

**The IntraVision® not only includes all inspection modules of an INTRAVIS system, it also provides extensive statistics that can be summarized into reports.**

**IntraVision® is the inspection and administration software** for every INTRAVIS system. Embedded in it are the various inspection modules that are used to analyze parameters that are important for the customer product. But the IntraVision® offers more. The software **supports with important tasks of your job.**

### REPORTING

Do you need to submit **extensive, meaningful test reports to your customers?** No problem for the export function for reports. You can receive these in various forms, such as PDF or CSV files. In addition, all data can be used for further processing by means of **Factory Automation Services (FAS)** – either as a database export or as a status message to higher-level systems. To meet

regulatory requirements, you can also set up a detailed **Audit Trail** to keep track of any change in the process settings.

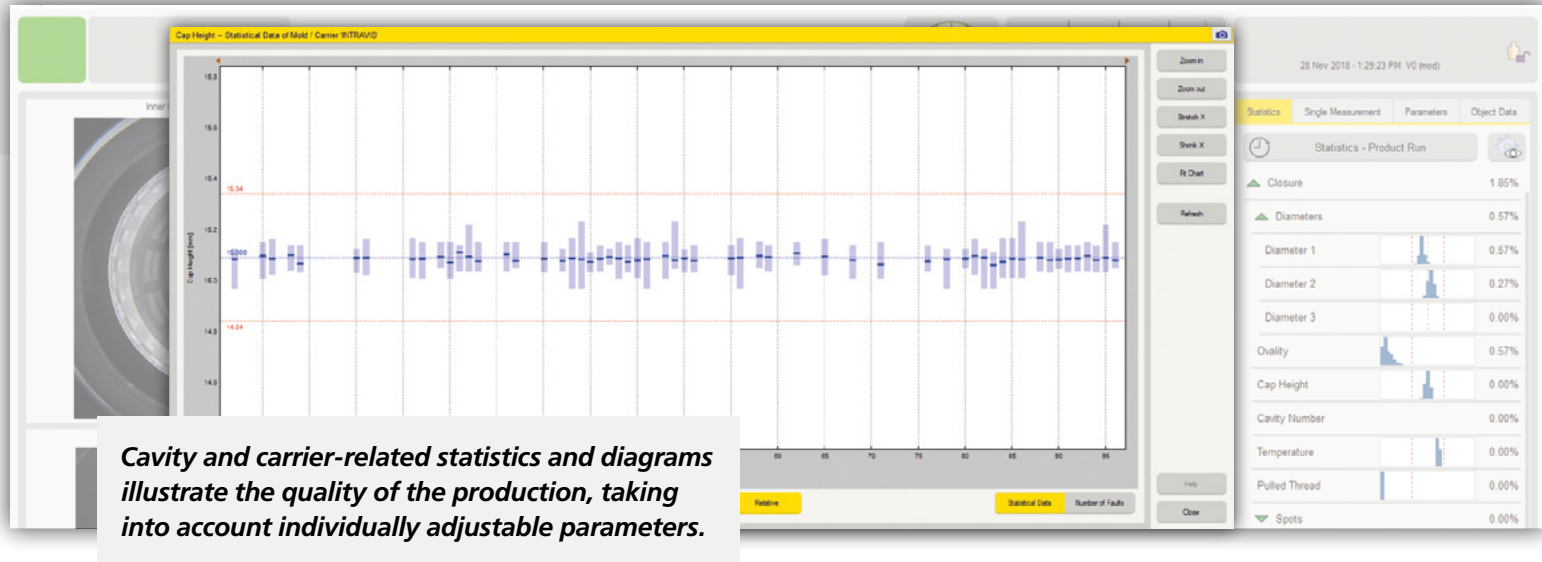
### PROCESS SAFETY

In addition, the IntraVision® offers a **comprehensive possibility of authorization assignment!** Each operator gets exactly the access rights needed to fulfill his tasks. You can choose between a simple and an advanced person-based model.

Every system requires regular maintenance for optimal performance. On the one hand, the software supports you by **establishing defined maintenance intervals**, after which a warning message is displayed on the system. On the other hand, the internal **system**

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**monitoring** helps you to recognize at which point a change of a wearing part is needed. This allows you to plan maintenance work in a targeted manner, and you only have to exchange parts that are necessary.

### PROCESS SUPPORT

- \\ Good parts counter
- \\ Level control of the collection container
- \\ Reject rate monitoring
- \\ Detection / support of batches
- \\ Defining warning thresholds
- \\ Targeted sorting out of cavities
- \\ Collection of reference samples
- \\ Automatic interruption
- \\ Error and measurement image memory

### PROCESS INTEGRATION

- \\ Integration in customer system for remote control
- \\ FAS (including data export to internal and external databases)
- \\ Integration of further plant systems by means of PLC

### PROCESS SAFETY

- \\ Advanced person-based authorization model
- \\ System Self-Monitoring

### REPORTING

- \\ Audit Trail
- \\ Command log
- \\ Export of reports to PDF and CSV
- \\ Detailed and clear statistics
- \\ Alarm history (up to 6 months)

### EASY HANDLING

- \\ Registration via RFID
- \\ Intuitive touch operation
- \\ Easy and fast setup
- \\ Multilingualism
- \\ Clear product management
- \\ Easy learning of inspection tasks
- \\ Context-sensitive help
- \\ Integrated e-mail service for service requests