QIPCAM,

PROVEN IN-LINE,

100% SEAL INSPECTION &

QUALITY ASSURANCE EQUIPMENT
**QIPCAM IN-LINE INSPECTION SYSTEM**

The new seal quality inspection technology is based on high definition infrared camera images. Direct after the seal has been produced, an image is taken and analyzed by special software. Due to this continuous inspection of the seal pressure, temperature and time the quality of the packaging can be guaranteed. This will be carried out during production and defects are therefore immediately and in-line detected. In case of finding errors, the package will be pushed out for further investigation by a rejecter unit. Every individual package is therefor investigated on its tightness, independent of the production rate. The QipCam consists of the following 3 units:

1. **HIGH PERFORMANCE INFRARED CAMERA**
   - Records both the standard (therefor good) seals and all kinds of changes in seal quality which will be compared to each other.

2. **CONTROL PC**
   - IP66 Stainless steel enclosure.
   - different IO's to rejecter.

3. **QIPCAM SOFTWARE**
   - Analysis of pixels received from the camera translated into a seal quality fingerprint.

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**QIPCAM WORKING PRINCIPLE**

In a fraction of a second, a quality test is performed. When the seal quality of the package is satisfying, the newly sealed package is passed through. If not, it will be removed from the production line by a rejecter unit, mostly delivered by our industrial partners. The operator can interfere at the line whenever needed, no special actions to the Qipcam are needed.

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**HIGH SPEED, HIGH QUALITY, HIGH ACCURACY**

Determination of optimal machine settings to obtain defect free packaging at high speed.

**IDENTIFICATION OF ERROR CAUSES**

Examination of ejected packages to obtain feedback for continuous improvement of total packaging process.

**PROVIDES IN EARLY WARNING AND PREVENTIVE MAINTENANCE WILL BECOME POSSIBLE**

Software monitoring of the packaging process provides early warning parameters to prevent production loss due to stand-still.
Take five minutes to explain us your difficulties in obtaining satisfying production quality. At all time, our demonstration Qipcam is ready to show the performance at your production line, without stopping it at all. We will gladly serve you achieving your goals.

- Looking for ways how to improve your production sealing quality?
- Trying to automate current inspection procedures?
- Like to reduce labor and gain trust in your packaging process?
- Worrying about the quality of every single package leaving your production site?
- Need to get the most accurate control of your current production quality?

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